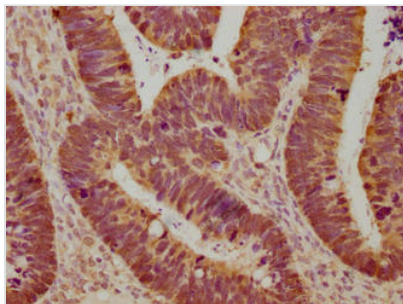




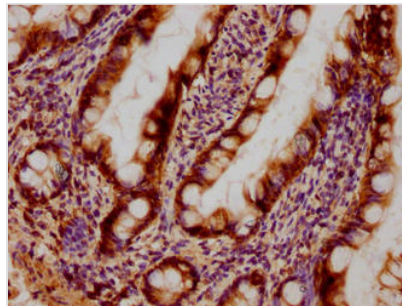
# LGALS3 Monoclonal Antibody

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-MA0128871A0m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Immunogen</b>           | Recombinant Human Galectin 3(GAL-3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Raised In</b>           | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species Reactivity</b>  | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Specificity</b>         | Specific for human Galectin 3(GAL-3) denatured and native forms                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Tested Applications</b> | ELISA, WB, IHC; Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:500                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Relevance</b>           | Galactose-specific lectin which binds IgE. May mediate with the alpha-3, beta-1 integrin the stimulation by CSPG4 of endothelial cells migration. Together with DMBT1, required for terminal differentiation of columnar epithelial cells during early embryogenesis By similarity. In the nucleus: acts as a pre-mRNA splicing factor. Involved in acute inflammatory responses including neutrophil activation and adhesion, chemoattraction of monocytes macrophages, opsonization of apoptotic neutrophils, and activation of mast cells. |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification Method</b> | >95%, Protein G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>             | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Alias</b>               | Lectin, galactoside-binding, soluble, 3; LGALS3; CBP35; GAL3; GALBP; GALIG; LGALS2; MAC2; Galectin 3                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Product Type</b>        | Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen Species</b>   | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Clone No.</b>           | 3F2E2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

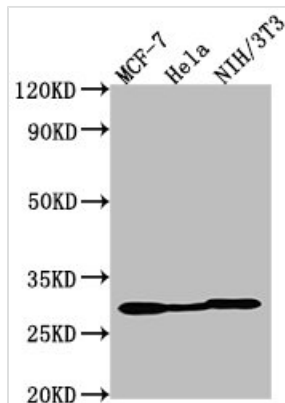
## Image



Immunohistochemical of paraffin-embedded human ovarian cancer using CSB-MA0128871A0m at dilution of 1:100



Immunohistochemical of paraffin-embedded human small intestinal tissue using CSB-MA0128871A0m at dilution of 1:100



#### Western Blot

Positive WB detected in: MCF-7 whole cell lysate, HeLa whole cell lysate, NIH/3T3 whole cell lysate

All lanes: LGALS3 antibody at 1:2000

Secondary

Goat polyclonal to Mouse IgG at 1/50000 dilution

Predicted band size: 27 kDa

Observed band size: 27 kDa