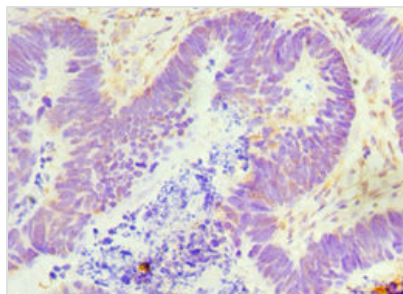




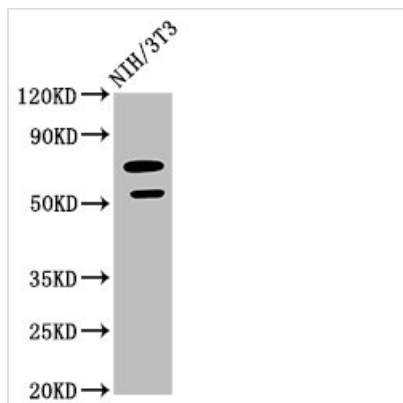
# GDF5 Antibody

|                            |                                                                                                                                                                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA009349ESR1HU                                                                                                                                                                                                                                 |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                      |
| <b>Uniprot No.</b>         | P43026                                                                                                                                                                                                                                             |
| <b>Immunogen</b>           | Recombinant Human Growth/differentiation factor 5 protein (202-501AA)                                                                                                                                                                              |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                             |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                              |
| <b>Tested Applications</b> | ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:20-1:200                                                                                                                                                           |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                             |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>      | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                                                                                                                                  |
| <b>Purification Method</b> | Antigen Affinity Purified                                                                                                                                                                                                                          |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                         |
| <b>Alias</b>               | Growth/differentiation factor 5 (GDF-5) (Bone morphogenetic protein 14) (BMP-14) (Cartilage-derived morphogenetic protein 1) (CDMP-1) (Lipopolysaccharide-associated protein 4) (LAP-4) (LPS-associated protein 4) (Radotermis), GDF5, BMP14 CDMP1 |
| <b>Immunogen Species</b>   | Homo sapiens (Human)                                                                                                                                                                                                                               |
| <b>Research Area</b>       | Cardiovascular                                                                                                                                                                                                                                     |
| <b>Target Names</b>        | GDF5                                                                                                                                                                                                                                               |

## Image



Immunohistochemistry of paraffin-embedded human ovarian cancer using CSB-PA009349ESR1HU at dilution of 1:100



#### Western Blot

Positive WB detected in: NIH/3T3 whole cell lysate

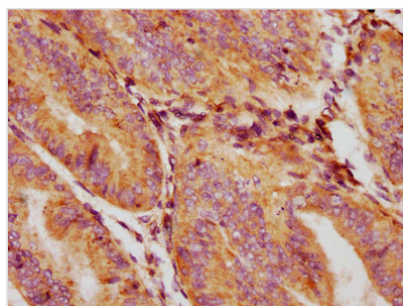
All lanes: GDF5 antibody at 2.64μg/ml

#### Secondary

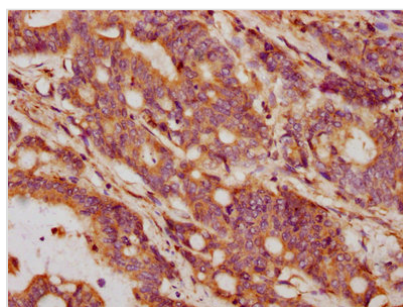
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 56 kDa

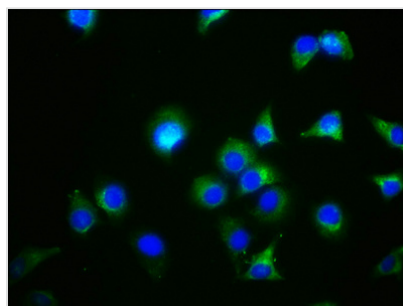
Observed band size: 56 kDa



IHC image of CSB-PA009349ESR1HU diluted at 1:132 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC image of CSB-PA009349ESR1HU diluted at 1:132 and staining in paraffin-embedded human colon cancer performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of A549 cells with CSB-PA009349ESR1HU at 1:44, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).