

## Anti-Clusterin Rabbit Monoclonal Antibody

Catalog Number: M00590-2

### About CLU

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

### Overview

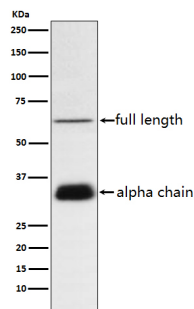
|                      |                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-Clusterin Rabbit Monoclonal Antibody                                                                                                        |
| Reactive Species     | Human, Mouse                                                                                                                                     |
| Description          | Boster Bio Anti-Clusterin Rabbit Monoclonal Antibody catalog # M00590-2. Tested in WB, IHC applications. This antibody reacts with Human, Mouse. |
| Application          | IHC, WB                                                                                                                                          |
| Clonality            | Monoclonal 17C92                                                                                                                                 |
| Formulation          | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                              |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.       |
| Host                 | Rabbit                                                                                                                                           |
| Uniprot ID           | P10909                                                                                                                                           |

### Technical Details

|                     |                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen           | A synthesized peptide derived from human Clusterin                                                                                                                                                                                                                                                                                                                                       |
| Isotype             | IgG                                                                                                                                                                                                                                                                                                                                                                                      |
| Form                | Liquid                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration       | Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.                                                                                                                                                                                                                                                                                             |
| Purification        | Affinity-chromatography                                                                                                                                                                                                                                                                                                                                                                  |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.<br>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.<br>Some PubMed article(s) citing the expression level of this target are as follows:<br>Boster Bio's internal QC testing used: |

|  |                                   |
|--|-----------------------------------|
|  | WB 1:500-1:2000<br>IHC 1:50-1:200 |
|--|-----------------------------------|

## Anti-Clusterin Rabbit Monoclonal Antibody (M00590-2) Images



Western blot analysis of Clusterin expression in human plasma lysate.

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