

## Clusterin (PTR1351) mouse mAb

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YM4626  |
| <b>Reactivity :</b>          | Human;Mouse;Rat;  |
| <b>Applications :</b>        | WB;IF;ELISA   |
| <b>Target :</b>              | Clusterin   |
| <b>Fields :</b>              | >>Complement and coagulation cascades                           |
| <b>Gene Name :</b>           | CLU   |
| <b>Protein Name :</b>        | Clusterin   |
| <b>Human Gene Id :</b>       | 1191  |
| <b>Human Swiss Prot No :</b> | P10909  |
| <b>Mouse Gene Id :</b>       | 12759   |
| <b>Mouse Swiss Prot No :</b> | Q06890  |
| <b>Rat Gene Id :</b>         | 24854   |
| <b>Rat Swiss Prot No :</b>   | P05371  |
| <b>Immunogen :</b>           | Synthesized peptide derived from human protein.AA range:350-449 |
| <b>Specificity :</b>         | This antibody detects endogenous levels of Clusterin.           |
| <b>Formulation :</b>         | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA                  |
| <b>Source :</b>              | Mouse, Monoclonal/IgG1, kappa                                   |
| <b>Dilution :</b>            | WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000                  |
| <b>Purification :</b>        | Protein G   |

**Storage Stability :** -15°C to -25°C/1 year (Do not lower than -25°C)

**Molecularweight :** 68kD

**Observed Band :** 68kD

**Background :** The protein encoded by this gene is a secreted chaperone that can under some stress conditions also be found in the cell cytosol. It has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders. Alternate splicing results in both coding and non-coding variants.[provided by RefSeq, May 2011],

**Function :** function:Not yet clear. It is known to be expressed in a variety of tissues and it seems to be able to bind to cells, membranes and hydrophobic proteins. It has been associated with programmed cell death (apoptosis).,similarity:Belongs to the clusterin family.,subunit:Antiparallel disulfide-linked heterodimer. Interacts with APOA1, CLUAP1 AND PON1.,

**Expression :** Detected in blood plasma, cerebrospinal fluid, milk, seminal plasma and colon mucosa. Detected in the germinal center of colon lymphoid nodules and in colon parasympathetic ganglia of the Auerbach plexus (at protein level). Ubiquitous. Detected in brain, testis, ovary, liver and pancreas, and at lower levels in kidney, heart, spleen and lung.

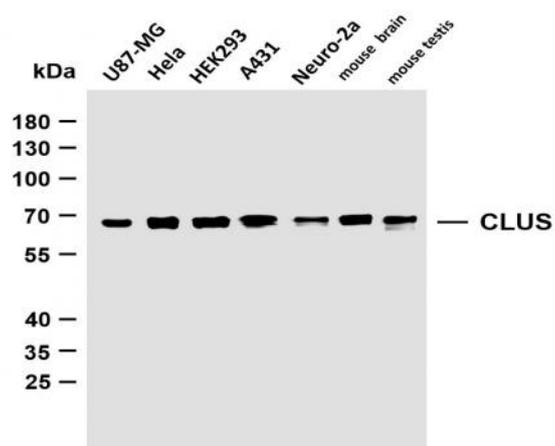
**Sort :** 4300

**No4 :** 1

**Host :** Mouse

**Modifications :** Unmodified

## Products Images



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Clusterin (PTR1351) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: U87-MG Lane 2: HeLa Lane 3: HEK293 Lane 4: A431 Lane 5: Neuro-2a Lane 6: mouse brain Lane 7: mouse testis