

anti-Clusterin

Cat #: HM1092
Mouse monoclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Clusterin, also designated dimeric acidic glycoprotein (DAG), testosterone repressed prostate message-2 (TRPM-2), apolipoprotein J and sulfated glycoprotein-2, is the first identified extracellular mammalian chaperone and appears to be implicated in such diverse processes as sperm maturation, regulation of complement activation, programmed cell death, tissue remodeling and lipid transport. It is expressed in a variety of tissues as a disulfide-linked heterodimeric sulfated glycoprotein. Highest expression of clusterin is detected in stomach, brain, liver and testes. Increases in clusterin mRNA and protein have been consistently detected in apoptotic cell death paradigms, establishing clusterin gene expression as a prominent marker of apoptotic cell loss. The functions of Clusterin include the transport of lipoproteins, the inhibition of complement-mediated cell lysis and the modulation of cell-cell interactions.

SPECIFICITY

This antibody specifically reacts with Clusterin of mouse, rat and human origin by Western blotting, immunoprecipitation and immunohistochemistry (including paraffinembedded sections).

Recommended dilution for Western blotting: 1:1000.

IMMUNOGEN

Recombinant human Clusterin protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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