

Mouse anti-Clusterin, clone Hs-3 (Monoclonal)

Clone no. Hs-3

MONOSAN

| | |
|---------------------------|---|
| Product name | Mouse anti-Clusterin, clone Hs-3 (Monoclonal) |
| Host | Mouse |
| Applications | WB, IHC-P, ICC, ELISA |
| Species reactivity | Human |
| Conjugate | - |
| Immunogen | Freshly ejaculated human sperms were washed in PBS and extracted in 3% acetic acid, 10% glycerol, 30 mM benzaminidine. The acid extract was |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Clone number | Hs-3 |
| Size | 0.1 mg |
| Concentration | 1 mg/ml |
| Format | - |
| Storage buffer | Phosphate buffered saline (PBS) solution with 15 mM sodium azide |
| Storage until expiry date | 2-8°C |

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Clusterin (APO J, SGP-2, TRPM-2, SP-40, pADHC-9, CLJ, T64, GP III, XIP8) is a 75-80 kD disulfide-linked heterodimeric protein containing about 30% of N-linked carbohydrate rich in sialic acid but truncated forms targeted to the nucleus have also been identified. It is a conserved secreted glycoprotein expressed by a wide range of tissues and being implicated in many physiological processes, including e.g. lipid transportation, complement inhibition, tissue remodeling, membrane recycling, or clearance of cellular debris. It is nearly ubiquitously expressed in most mammalian tissues and can be found in plasma, milk, urine, cerebrospinal fluid and semen. Clusterin is able to bind and form complexes with numerous partners (immunoglobulins, lipids, heparin, bacteria, complement components, paraoxonase, beta amyloid, leptin etc.) and is expressed in many pathological and clinically relevant situations including cancer, organ regeneration, infection, Alzheimer disease, retinitis pigmentosa, myocardial infarction, renal tubular damage, autoimmunity and others. A genuine function of clusterin is still enigmatic.

References

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