

### 30-1290: Anti-Clusterin / Apolipoprotein J Monoclonal Antibody (Clone:Hs-3)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	Hs-3
<b>Application :</b>	WB, IHC, ICC, ELISA
<b>Reactivity :</b>	Human
<b>Gene :</b>	CLU
<b>Gene ID :</b>	1191
<b>Uniprot ID :</b>	P10909
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CLU,APOJ,CLI,KUB1,AAG4
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Freshly ejaculated human sperms were washed in PBS and extracted in 3% acetic acid, 10% glycerol, 30 mM benzaminidine. The acid extract was dialyzed against 0.2% acetic acid and subsequently used for immunization.

#### Description

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.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

**Western Blotting** *Recommended dilution:* 1 Åµg/ml  
*Positive material:* seminal plasma

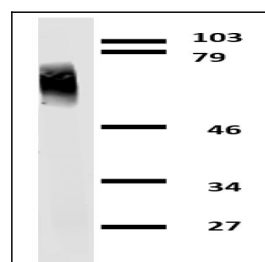


Figure 1: Western blotting analysis of clusterin in human seminal plasma using anti-clusterin (Hs-3) purified.