

CRISP1 mouse monoclonal antibody (hybridoma)

Catalog # H00000167-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CRISP1.
Immunogen	CRISP1 (NP_001122.2, 1 a.a. ~ 249 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEIKHLLFLVAAACLLPMLSMKKKSARDQFNKLVTDLPNVQEEVNIHNLRRRVVPPASNMLKMSWSEEAQNAIRIFSKYCDMTESNPLERRLPNTFCGENMHMTSYPVSWSSVIGVWYSESTSFKHGEWTTTDDDDITTDHYTQMWATSYLIGCAIASCRQQGSPRYLYVCHYCHEGNDPETKNEPYKTGVPC EACPSNCEDKLCTNPCIYDEYFDCDIQVHYLGCNHSTTILFCKATCLCDTEIK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (63)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CRISP1

Entrez GeneID [167](#)

GeneBank Accession# [NM_001131.2](#)

Protein Accession# [NP_001122.2](#)

Gene Name CRISP1

Gene Alias AEGL1, ARP, CRISP-1, HSCRISP1D, HSCRISP1G, HUMARP

Gene Description cysteine-rich secretory protein 1

Omim ID [601193](#)

Gene Ontology [Hyperlink](#)

Gene Summary Fertilization consists of a sequence of specific cell-cell interactions culminating in the fusion of the sperm and egg plasma membranes. Recognition, binding, and fusion occur through the interaction of complementary molecules that are localized to specific domains of the sperm and egg plasma membranes. In the sperm, the postacrosomal region or equatorial segment is involved in sperm-egg plasma membrane fusion. The protein encoded by this gene is a member of the cysteine-rich secretory protein (CRISP) family. This protein is expressed in the epididymis, is secreted into the epididymal lumen, and binds to the postacrosomal region of the sperm head where it plays a role at fertilization in sperm-egg fusion through complementary sites localized on the egg surface. Two isoforms are encoded by transcript variants of this gene. [provided by RefSeq]

Other Designations AEG-related protein|OTTHUMP00000016592|acidic epididymal glycoprotein-like 1|cysteine-rich secretory protein-1 delta|protein DE-like