

IMP4 mouse monoclonal antibody (hybridoma)

Catalog # H00092856-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant IMP4.
Immunogen	IMP4 (NP_219484.1, 1 a.a. ~ 291 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLRREARLRREYLRYKAREEAQRSAQERKERLRRALEENRLIPTELRREALALQGSLEFDDAGGE GVTSHVDDEYRWAGVEDPKVMITTSRDPSSRLKMFAKELKLVFPGAQRMNRRGRHEVGALVRAC KANGVTDLLVVHEHRGTPVGLVSHLPFGPTAYFTLCNVVMRHDIPDLGTMSEAKPHLITHGFSSR LGKRVSDILRYLFPVPKDDSHRVITFANQDDYISFRHHVYKKTDRNVELTEVGPRFELKLYMIRLG TLEQEATADVEWRWHPYNTNTARKRVFLSTE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — IMP4

Entrez GeneID	92856
GeneBank Accession#	NM_033416.1
Protein Accession#	NP_219484.1
Gene Name	IMP4
Gene Alias	BXDC4, MGC19606
Gene Description	IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast)
Gene Ontology	Hyperlink
Gene Summary	IMP4 forms a ternary complex with IMP3 (MIM 612980) and MPP10 (MPHOSPHO10; MIM 605503) that interacts with U3 small nucleolar RNA (snoRNA), which is required for the early cleavage steps in pre-rRNA processing (Granneman et al., 2003 [PubMed 12655004]).[supplied by OMIM]
Other Designations	IMP4, U3 small nucleolar ribonucleoprotein, homolog OTTHUMP00000162395 U3 snoRNP protein 4 homolog