

IMP4 rabbit monoclonal antibody

Catalog # H00092856-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human IMP4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human IMP4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human IMP4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — IMP4

Entrez GeneID	92856
GeneBank Accession#	IMP4
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