

CHMP4B rabbit monoclonal antibody

Catalog # H00128866-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CHMP4B peptide using ARM Technology.
Immunogen	A synthetic peptide of human CHMP4B 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 CHMP4B 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 — CHMP4B

Entrez GeneID	128866
GeneBank Accession#	CHMP4B
Gene Name	CHMP4B
Gene Alias	C20orf178, CHMP4A, CTPP3, SNF7, SNF7-2, Shax1, dJ553F4.4
Gene Description	chromatin modifying protein 4B
Omim ID	605387 610897
Gene Ontology	Hyperlink
Gene Summary	CHMP4B belongs to the chromatin-modifying protein/charged multivesicular body protein (CHMP) family. These proteins are components of ESCRT-III (endosomal sorting complex required for transport III), a complex involved in degradation of surface receptor proteins and formation of endocytic multivesicular bodies (MVBs). Some CHMPs have both nuclear and cytoplasmic/vesicular distributions, and one such CHMP, CHMP1A (MIM 164010), is required for both MVB formation and regulation of cell cycle progression (Tsang et al., 2006 [PubMed 16730941]).[supplied by OMIM]
Other Designations	OTTHUMP00000030668 Snf7 homologue associated with Alix 1

Pathway

- [Endocytosis](#)