

CHMP2A rabbit monoclonal antibody

Catalog # H00027243-K Size 100 ug x up to 3

Specification

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| Product Description | Rabbit monoclonal antibody raised against a human CHMP2A peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human CHMP2A 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 CHMP2A 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 — CHMP2A

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| Entrez GeneID | 27243 |
| GeneBank Accession# | CHMP2A |
| Gene Name | CHMP2A |
| Gene Alias | BC-2, BC2, CHMP2, VPS2, VPS2A |
| Gene Description | chromatin modifying protein 2A |
| Omim ID | 610893 |
| Gene Ontology | Hyperlink |
| Gene Summary | CHMP2A 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 | putative breast adenocarcinoma marker (32kD) |

Pathway

- [Endocytosis](#)