

MAPRE1 rabbit monoclonal antibody

Catalog # H00022919-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MAPRE1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MAPRE1 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 MAPRE1 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 — MAPRE1

Entrez GeneID [22919](#)

GeneBank Accession# [MAPRE1](#)

Gene Name MAPRE1

Gene Alias EB1, MGC117374, MGC129946

Gene Description microtubule-associated protein, RP/EB family, member 1

Omim ID [603108](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene was first identified by its binding to the APC protein which is often mutated in familial and sporadic forms of colorectal cancer. This protein localizes to microtubules, especially the growing ends, in interphase cells. During mitosis, the protein is associated with the centrosomes and spindle microtubules. The protein also associates with components of the dynein complex and the intermediate chain of cytoplasmic dynein. Because of these associations, it is thought that this protein is involved in the regulation of microtubule structures and chromosome stability. This gene is a member of the RP/EB family. [provided by RefSeq]

Other Designations OTTHUMP00000030608|adenomatous polyposis coli-binding protein EB1