

EPB41 rabbit monoclonal antibody

Catalog # H00002035-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human EPB41 peptide using ARM Technology.
Immunogen	A synthetic peptide of human EPB41 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 EPB41 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	<ol style="list-style-type: none">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 — EPB41

Entrez GeneID	2035
GeneBank Accession#	EPB41
Gene Name	EPB41
Gene Alias	4.1R, EL1, HE
Gene Description	erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)
Omim ID	130500
Gene Ontology	Hyperlink
Gene Summary	Elliptocytosis is a hematologic disorder characterized by elliptically shaped erythrocytes and a variable degree of hemolytic anemia. Inherited as an autosomal dominant, elliptocytosis results from mutation in any one of several genes encoding proteins of the red cell membrane skeleton. The form discussed here is the one found in the 1950s to be linked to Rh blood group and more recently shown to be caused by a defect in protein 4.1. 'Rh-unlinked' forms of elliptocytosis are caused by mutation in the alpha-spectrin gene (MIM 182860), the beta-spectrin gene (MIM 182870), or the b and 3 gene (MIM 109270).[supplied by OMIM]
Other Designations	OTTHUMP00000003772 OTTHUMP00000003773 OTTHUMP00000003774 erythrocyte surface protein band 4.1

Pathway

- [Tight junction](#)