

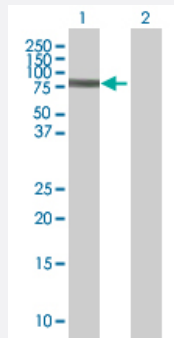
MaxPab®

EPB42 MaxPab mouse polyclonal antibody (B01)

Catalog # H00002038-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of EPB42 expression in transfected 293T cell line ([H00002038-T01](#)) by EPB42 MaxPab polyclonal antibody.

Lane 1: EPB42 transfected lysate(68.09 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human EPB42 protein.
Immunogen	EPB42 (AAH99627.1, 1 a.a. ~ 619 a.a) full-length human protein.
Sequence	MGQALGIKSCDFQAARNNEEHHTKALSSRRLFVRRGQPFTIILYFRAPVRAFLPALKKVALTAQTG EQPSKINRTQATFPISSLGDRKWWSAVVEERDAQSWTISVTPADAVIGHYSLLLQVSGRKQLLLG QFTLLFNPWNREDAVFLKNEAQRMEYLLNQNLMLGTADCIQAESWDFGQFEGDVIDLSLRLLSK DKQVEKWSQPVHVARVLGALLHFLKEQRVLPPTQQTQATQEGALLNKRRGSVPILRQWLTGRGRP VYDGGQAWVLA AVACTVLRCLGIPARVVTFASAQGTGGRLIDEYYNEEGLQNGEGQRGRWKCC EDGTLELTDSNTKYVGNNISTKGVGSDRCEDITQNYKYPEGSLQEKEVLERVEKEKMEREKDNGI RPPSLETASPLYLLLKAPSSLPLRGDAQISVTLVNHSEQEKAVQLAIGVQAVHYNGVLA AKLWRKK LHLTLSANLEKIITIGLFFSNFERNPPENTFLRLTAMATHSESNLSCFAQEDIAICRPHLA IKMPEKAE QQQPLTASVSLQNSLDAPMEDCVISILGRGLIHRERSYFRFSVWPENTMCAKFQFTPTHVGLQRLT VEVDCNMFQNLNTNYKSVTVVAPELSA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (79)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — EPB42

Entrez GeneID	2038
GeneBank Accession#	BC099627.1
Protein Accession#	AAH99627.1
Gene Name	EPB42
Gene Alias	MGC116735, MGC116737, PA
Gene Description	erythrocyte membrane protein band 4.2
Omim ID	177070
Gene Ontology	Hyperlink
Gene Summary	Erythrocyte membrane protein band 4.2 is an ATP-binding protein which may regulate the association of protein 3 with ankyrin. It probably has a role in erythrocyte shape and mechanical property regulation. Mutations in the EPB42 gene are associated with recessive spherocytic elliptocytosis and recessively transmitted hereditary hemolytic anemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	Erythrocyte surface protein band 4.2

Publication Reference

- [Compound heterozygosity for two novel mutations in the erythrocyte protein 4.2 gene causing spherocytosis in a Caucasian patient.](#)

Hammill AM, Risinger MA, Joiner CH, Keddache M, Kalfa TA.

British Journal of Haematology 2011 Mar; 152(6):780.

Application: WB, Human, Red blood cells