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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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EPB42 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00002038-B01

規格 : [50 uL]

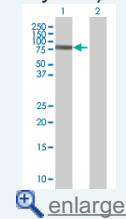
[List All](#)

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:	MGQALGIKSCDFQAARNNEEHHTKALSSRRLFVRRGQPFTIILYFRAPVR AFLPALKKVALTAQTGEQPSKINRTQATFPISLGDGRKWWSAVVEERDA QSWTISVTPADAVIGHYSLLLQVSGRQQLLLGQFTLLFNPWNREDAVF LKNEAQRMEYLLNQNGLIYLGTAADCIQAESWDFGQFEGDVIDLSLRLLSK DKQVEKWSQPVHVARVLGALLHFLKEQRVLPTPQTQATQEGALLNKRR GSVPILRQWLTGRGRPVYDQAWVLAAVACTVLRCLGIPARVVTTFASA QGTGGRLIDEYYNEEGLQNGEGQRGRIWKCCEDGTLELTDSENTKYVG NNISTKGVGSDRCEDITQNYKYPEGSLQEKEVLERVEKEKMEREKDNGIR PPSLETASPLYLLLKAPSSLPLRGDAQISVTLVNHSEQEKAQVLAIGVQAV HYNGVLAACLWRKKLHLTSLANLEKIITIGLFFSNFERNPPENTFLRLTAMA THSESNLSCFAQEDIAICRPHLAIKMPEKAEQYQPLTASVSLQNSLDAPME DCVISILGRGLIHRERSYRFRSVPENTMCAKFQFTPTHVGLQRLTVEVD CNMFQNLNTNYKSVTVVAPELSA
Host:	Mouse
Reactivity:	Human
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.
MSDS:	 Download
Datasheet:	 Download

Application Image

Western Blot (Transfected lysate)



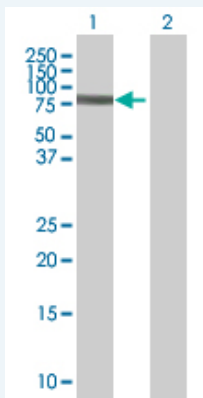
 [enlarge](#)

Publication Reference

1. [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. Br J Haematol. 2011 Jan 31. doi: 10.1111/j.1365-2141.2010.08516.x. [Epub ahead of print]

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.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [2038](#)

GeneBank [BC099627.1](#)

Accession#:

Protein [AAH99627.1](#)

Accession#:

Gene Name: EPB42

Gene Alias: MGC116735,MGC116737,PA

Gene erythrocyte membrane protein band 4.2

Description:

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 Erythrocyte surface protein band 4.2

Designations:

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