



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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EPB41 monoclonal antibody (M01), clone 3D9

Catalog # : H00002035-M01

規格 : [100 ug]

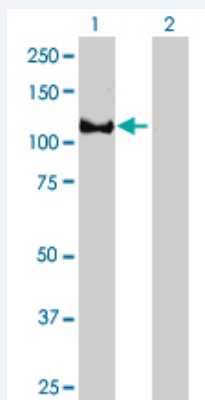
[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant EPB41.
Immunogen:	EPB41 (AAH39079, 116 a.a. ~ 225 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	IEFGTSLDEEIIKAPIAAPEPELKTDPSLDLHSLSSAETQPAQEELREDPD FEIKEGEGLEECISKIEVKEESPQSKAETELKASQKPIRKHNRNMHCKVSLLD DTVYECV
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Applications

Western Blot (Transfected lysate)



Western Blot analysis of EPB41 expression in transfected 293T cell line by EPB41 monoclonal antibody (M01), clone 3D9.

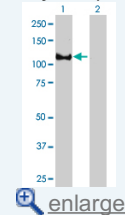
Lane 1: EPB41 transfected lysate(81 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

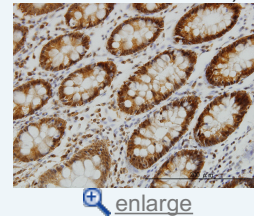
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Application Image

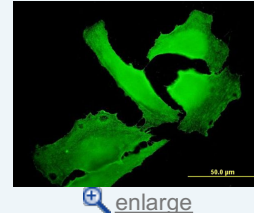
Western Blot (Transfected lysate)



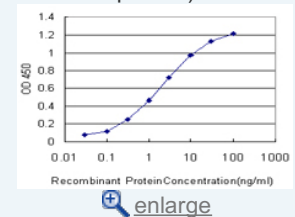
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



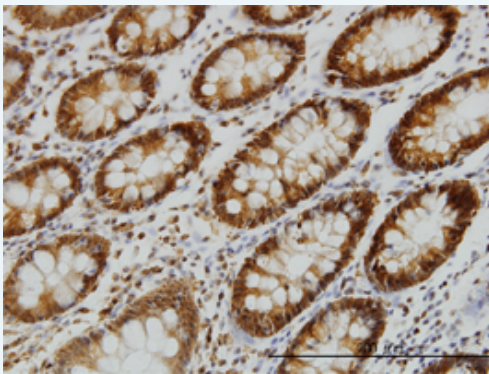
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA

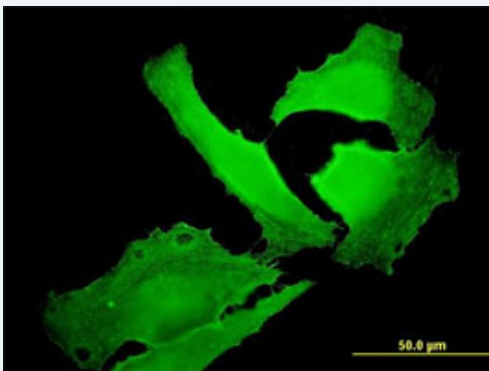


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to EPB41 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Immunofluorescence

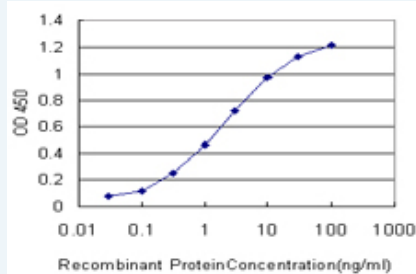


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to EPB41 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged EPB41 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [2035](#)

GeneBank [BC039079](#)
Accession#:

Protein [AAH39079](#)
Accession#:

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 band 3 gene (MIM 109270).[supplied by OMIM]

Other Designations: OTTHUMP00000003772,OTTHUMP00000003773,OTTHUMP00000003774,erythrocyte surface protein band 4.1

Gene Pathway

[Tight junction](#)

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