Datasheet for ABIN515323

anti-EPB42 antibody (AA 623-721)

4 Images

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Overview

Quantity:	100 µg
Target:	EPB42
Binding Specificity:	AA 623-721
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPB42 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant EPB42.
Immunogen:	EPB42 (NP_000110.1, 623 a.a. ~ 721 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KMPEKAEQYQ PLTASVSLQN SLDAPMEDCV ISILGRGLIH RERSYRFRSV WPENTMCAKF QFTPTHVGLQ RLTVEVDCNM FQNLTNYKSV TVVAPELSA
Clone:	2G12
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	EPB42
Alternative Name:	EPB42 (EPB42 Products)
Background:	Full Gene Name: erythrocyte membrane protein band 4.2 Synonyms: MGC116735,MGC116737,PA
Gene ID:	2038
NCBI Accession:	NM_000119
Pathways:	Transition Metal Ion Homeostasis

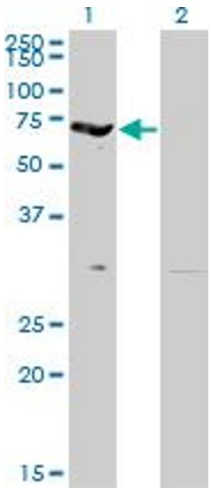
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



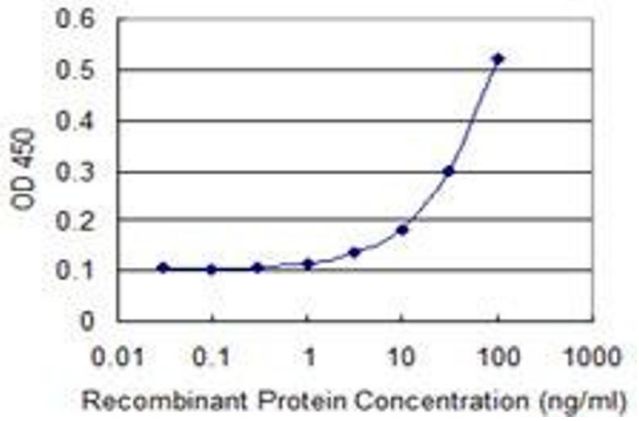
Western Blotting

Image 1. Western Blot analysis of EPB42 expression in transfected 293T cell line by EPB42 monoclonal antibody (M01), clone 2G12.

Lane 1: EPB42 transfected lysate(69.5 KDa).

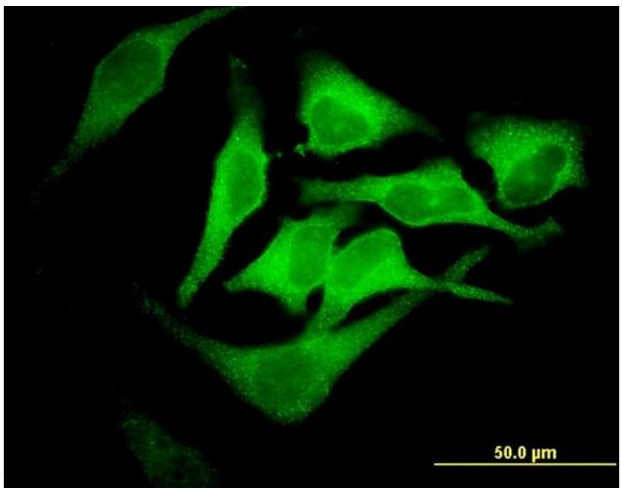
Lane 2: Non-transfected lysate.

Images



ELISA

Image 2. Detection limit for recombinant GST tagged EPB42 is 1 ng/ml as a capture antibody.



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to EPB42 on HeLa cell. [antibody concentration 10 ug/ml]

Please check the product details page for more images. Overall 4 images are available for ABIN515323.