Data Sheet (Cat.No.TMAC-01304)

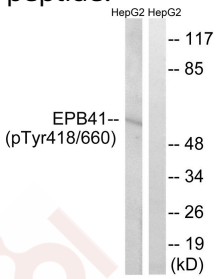
Anti-Phospho-EPB41 (Tyr660, 418) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Actual: 60 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Applications

Verified Activity:	1. Western blot analysis of extracts from HepG2 cells treated with PMA using EPB41 (Phospho-Tyr660/418) Antibody TMAC-01304. The lane on the right is treated with the antigen-specific peptide.



Application:	WB
Recommended	WB: 1:500-1000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 660/418 (N-I-Y(p)-I-R)derived from Human EPB41
Antigen Species:	human
Uniprot ID:	P11171
Synonyms:	p-EPB41 (Y660, 418);EPB41 (p-Y660, 418);p-EPB41 (Tyr660, 418);EPB41 (p-Tyr660, 418)

Research Background

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, the beta-spectrin gene, or the band 3 gene.

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