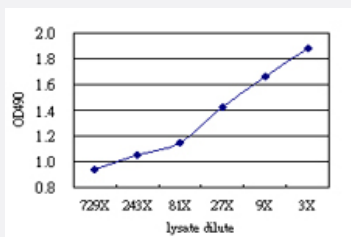


EPB41 (Human) Matched Antibody Pair

Catalog # H00002035-AP51

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the EPB41 293T overexpression lysate (non-denatured).

Specification

Product Description

This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human EPB41.

Reactivity

Human

Quality Control Testing

Standard curve using EPB41 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the EPB41 293T overexpression lysate (non-denatured).

Supplied Product

Antibody pair set content:
 1. Capture antibody: mouse monoclonal anti-EPB41 (100 ug)
 2. Detection antibody: rabbit purified polyclonal anti-EPB41 (50 ug)
 *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

Storage Instruction

Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Transfected lysate)

[Protocol Download](#)

Gene Info — EPB41

Entrez GeneID	2035
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 b and 3 gene (MIM 109270).[supplied by OMIM]
Other Designations	OTTHUMP00000003772 OTTHUMP00000003773 OTTHUMP00000003774 erythrocyte surface protein band 4.1

Pathway

- [Tight junction](#)