

Goat anti-EPB41L2 / 4.1G (aa 347 to 357) Antibody

Item Number	dAP-1259
Target Molecule	Principle Name: EPB41L2 / 4.1G (aa 347 to 357); Official Symbol: EPB41L2 ; All Names and Symbols: EPB41L2 ; erythrocyte membrane protein band 4.1-like 2 ; RP3-324N14.1; 4.1-G; DKFZp781D1972; DKFZp781H1755; OTTHUMP0000040262; erythrocyte membrane protein band 4.1 like-protein 2; Accession Number (s): NP_001422.1; Human Gene ID(s): 2037; Non-Human GenelD(s):
Immunogen	DYDPEEHGSID, is from internal region
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx 46kDa band in Human Brain (cerebellum) and Ovary lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the c
IHC	Immunohistochemistry: In paraffin embedded Human Uterus shows membranous staining in endometrial cells. Recommended concentration, 2-5µg/ml.
Reference	Reference(s): Ralston KJ, Hird SL, Zhang X, Scott JL, Jin B, Thorne RF, Berndt MC, Boyd AW, Burns GF. The LFA-1-associated molecule PTA-1 (CD226) on T cells forms a dynamic molecular complex with protein 4.1G and human discs large. J Biol Chem. 2004 Aug 6;279(32):33816-28. Epub 2004 May 11..PMID: 15169212

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**