

## Goat anti-B5 Receptor / PCID1 / EIF3M Antibody

<b>Item Number</b>	dAP-0743
<b>Target Molecule</b>	Principle Name: B5 Receptor / PCID1 / EIF3M; Official Symbol: EIF3M; All Names and Symbols: EIF3M; B5 receptor; PCID1; PCI domain containing 1 (herpesvirus entry mediator); FLJ29030; GA17; hfl-B5; dendritic cell protein; fetal lung protein B5; eukaryotic translation initiation factor 3, subunit M; B5; PCID1; Accession Number (s): NP_006351.2; Human Gene ID(s): 10480; Non-Human GeneID(s): 98221 (mouse) 295975 (rat)
<b>Immunogen</b>	NAWKQNLNKVKN, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 38-40kDa band observed in lysates of human lung carcinoma cell line A549 (calculated MW of 42.5kDa according to NP_006351.2). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Testis shows strong staining of cytoplasm in select spermatocytes. Recommended concentration, 5-10µg/ml.
<b>Reference</b>	Reference(s): Perez-Romero P, Fuller AO. The C terminus of the B5 receptor for herpes simplex virus contains a functional region important for infection. J Virol. 2005 Jun;79(12):7431-7. .PMID: 15919899 ->

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 ender users! This product is sold for **Research Use Only**