



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, United Kingdom

everestbiotech.com

sales@everestbiotech.com

support@everestbiotech.com

Tel +44 1869 238326

Fax +44 1869 238327

Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06955 - Goat Anti-B5 Receptor / PCID1 / EIF3M Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PCID1, B5, eukaryotic translation initiation factor 3, subunit M, EIF3M, fetal lung protein B5, dendritic cell protein, hfl-B5, GA17, FLJ29030, PCI domain containing 1 (herpesvirus entry mediator), PCID1, B5 receptor

Official Symbol: EIF3M

Accession Number(s): NP_006351.2

Human GeneID(s): [10480](#)

Non-Human GeneID(s): 98221 (mouse), 295975 (rat)

Immunogen

Peptide with sequence C-NAWKQNLNKVKN, from the C Terminus of the protein sequence according to NP_006351.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

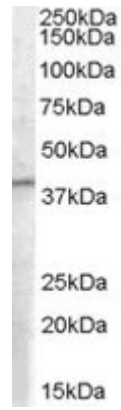
Western blot: Approx 38-40kDa band observed in lysates of human lung carcinoma cell line A549 (calculated MW of 42.5kDa according to NP_006351.2). Recommended concentration: 1-3µg/ml.

IHC: In paraffin embedded Human Testis shows strong staining of cytoplasm in select spermatocytes. Recommended concentration, 5-10µg/ml.

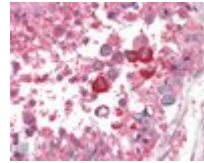
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB06955 (0.1 μ g/ml) staining of A549 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06955 (5 μ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.