



International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05367 - Goat Anti-Dysadherin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FXYD5, dysadherin, FXYD domain containing ion transport regulator 5, RIC, IWU1, IWU-1, dysad, HSPC113, KCT1, OIT2, PRO6241, FXYD domain-containing ion transport regulator 5, keratinocytes associated transmembrane protein 1, DYSAD, HSPC113

Official Symbol: FXYD5

Accession Number(s): NP_054883.3; NP_659003.1; NP_001158077.1

Human GeneID(s): [53827](#)

Important Comments: NP_054883.3, NP_659003.1 and NP_001158077.1 are variants that represent the same protein.

Immunogen

Peptide with sequence GKCRQLSRLCRNHCR, from the C Terminus of the protein sequence according to NP_054883.3; NP_659003.1; NP_001158077.1.

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 1:8000.

Western blot: Approx 38kDa band observed in Human Spleen lysates (calculated MW of 19.5 kDa according to NP_054883 and NP_659003). The band was successfully blocked by incubation with the immunizing peptide. According to the literature this protein is O-glycosylated (PMID: 12672699), which may explain the size difference observed.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB05367 staining (0.5 μ g/ml) of Human Spleen lysate (RIPA buffer, 30 μ g total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.