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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_659003.1and 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

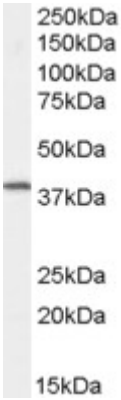
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

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