

## UK Office

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**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

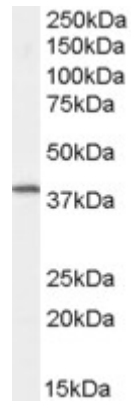
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**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 $\mu$ g/ml) of Human Spleen lysate (RIPA buffer, 30 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.