



## International Office

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

## EB06552 - Goat Anti-Swiprosin 1 / EFHD2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** EFHD2, MGC4342, EF hand domain containing 2

**Official Symbol:** EFHD2

**Accession Number(s):** NP\_077305.2

**Human GeneID(s):** [79180](#)

**Non-Human GeneID(s):** 27984 (mouse)

**Important Comments:** This antibody does not cross-react with Mouse Swiprosin 2. Data kindly provided by Sebastian Duetting and Dirk Mielenz.

### Immunogen

Peptide with sequence CAAFKELQSTFK, from the C Terminus of the protein sequence according to NP\_077305.2.

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 1:128000.

**Western blot:** Approx 30kDa band observed in Human Thymus, Human Lymph node and Human Tonsil lysates (calculated MW of 26.7kDa according to NP\_077305.2).

Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

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

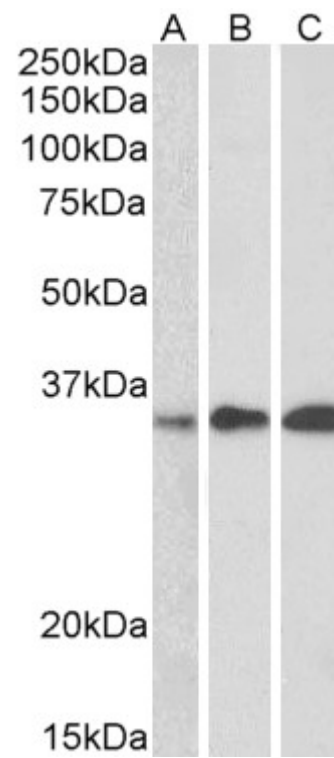
### Specific Reference

**This antibody (previous batch) has been successfully used in Western blot on Human:**

Brachs S, Lang C, Buslei R, Purohit P, Fürnrohr B, Kalbacher H, Jäck HM, Mielenz D. Monoclonal antibodies to discriminate the EF hand containing calcium binding adaptor proteins EFhd1 and EFhd2.

Monoclon Antib Immunodiagn Immunother. 2013 Aug;32(4):237-45.

PMID: 23909416



EB06552 (0.5 $\mu$ g/ml) staining of Human Thymus, Human Lymph node and Human Tonsil lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.