

## UK Office

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

## EB09463 - Goat Anti-CD90 / Thy1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** THY1, Thy-1 cell surface antigen, CD90, FLJ33325, Thy-1 T-cell antigen, Thy-1 membrane glycoprotein

**Official Symbol:** THY1

**Accession Number(s):** NP\_006279.2

**Human GeneID(s):** [7070](#)

### Immunogen

Peptide with sequence C-PEHTYRSRTNFTSKY, from the internal region of the protein sequence according to NP\_006279.2.

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 1:64000.

**Western blot:** Approx 26kDa band observed in Human Brain (Cerebellum) and Human Tonsil lysates (calculated MW of 17.9kDa according to NP\_006279.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Pig

EB09463 (0.1µg/ml) staining of Human Tonsil lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB09463 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.