

UK Office

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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 GenelD(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). This molecular weight is routinely observed by other sources. Recommended concentration:

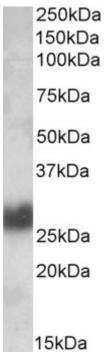
0.1-0.3µg/ml. Primary incubation was 1 hour.

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

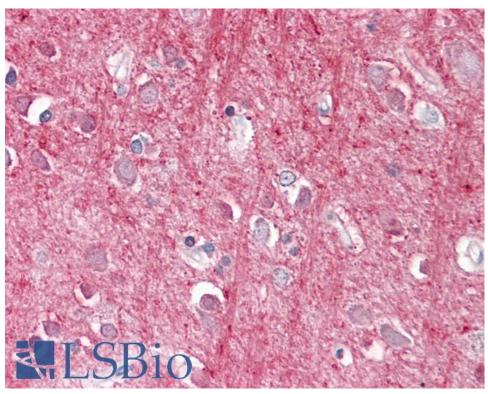
Species Reactivity

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.