

Datasheet for ABIN571009
anti-CD90 antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	CD90 (THY1)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CD90 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	CD90 / Thy1
Immunogen:	Peptide with sequence C-PEHTYRSRTNFTSKY, from the internal region of the protein sequence according to NP_006279.2.
Sequence:	PEHTYRSRTN FTSKY
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

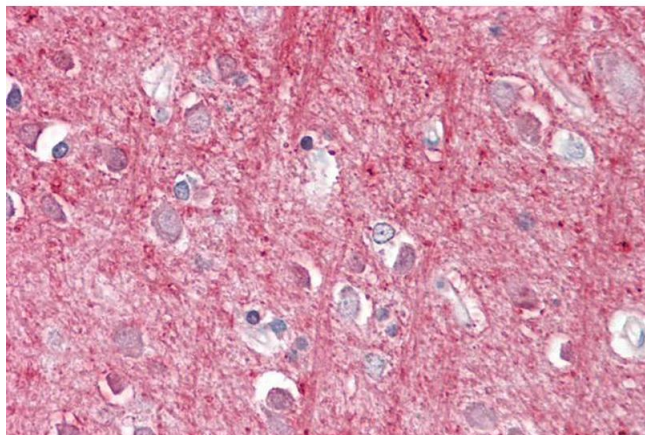
Target:	CD90 (THY1)
Alternative Name:	THY1 (THY1 Products)
Background:	THY1, Thy-1 cell surface antigen, CD90, FLJ33325, Thy-1 T-cell antigen, Thy-1 membrane glycoprotein
Gene ID:	7070
NCBI Accession:	NP_006279
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75 µg/mL.</p> <p>Western Blot: Approx 26 kDa band observed in Human Brain (Cerebellum) and Human Tonsil lysates (calculated MW of 17.9 kDa according to NP_006279.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-0.3 µg/mL. Prim</p> <p>Peptide ELISA: antibody detection limit dilution 1:64000.</p>
Restrictions:	For Research Use only

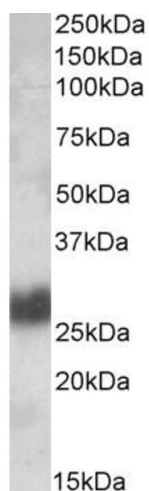
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN571009 (3.75µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN571009 (0.1µg/ml) staining of Human Tonsil lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.