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Datasheet for ABIN388803 anti-CD90 antibody (N-Term)

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Overview

Quantity:	400 μL
Target:	CD90 (THY1)
Binding Specificity:	AA 36-65, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD90 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This THY1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 36-65 amino acids from the N-terminal region of human THY1.
Clone:	RB03970
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

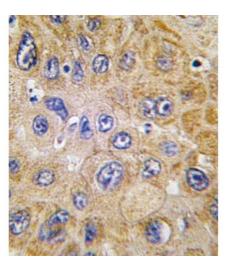
Target Details

Target:	CD90 (THY1)
Alternative Name:	THY1 (THY1 Products)

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Target Details	
Background:	THY1 (CD90) antigen is a GPI linked glycoprotein member of the Immunoglobulin superfamily. It is expressed on murine T cells, thymocytes, neural cells, cells of granulocytic lineage, early hematopoietic progenitors, fibroblasts, neurons and Kupffer's cells. Thy1 may play a role in cell to cell or cell to ligand interactions during synaptogenesis and other events in the brain.
Molecular Weight:	17935
Gene ID:	7070
NCBI Accession:	NP_006279
UniProt:	P04216
Pathways:	Cell-Cell Junction Organization
Application Details	
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:10~50. IHC-P: 1:50~100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months
Publications	
Product cited in:	Kevin Li-Chun, Schob, Zeller, Pulli, Ali, Wang, Chiou, Tsang, Lee, Stossel, Chen: "Gelsolin decreases actin toxicity and inflammation in murine multiple sclerosis." in: Journal of neuroimmunology , Vol. 287, pp. 36-42, (2015) (PubMed).

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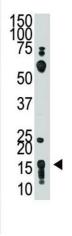
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with THY1 antibody (N-term) (ABIN388803 and ABIN2839126), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of anti-THY1 (N-term) Pab (ABIN388803 and ABIN2839126) pre-incubated without(lane 1) and with(lane 2) blocking peptide (BP2050a) in T47D cell line lysate. THY1 (N-term)(arrow) was detected using the purified Pab.



Western Blotting

Image 3. The anti-THY1 (N-term) Pab (ABIN388803 and ABIN2839126) is used in Western blot to detect THY1 in HL60 cell lysate.

Please check the product details page for more images. Overall 5 images are available for ABIN388803.

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