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Datasheet for ABIN6148554 anti-CD90 antibody

4 Images



Overview

Quantity:	100 μL
Target:	CD90 (THY1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD90 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human CD90/Thy1
Isotype:	lgG
Cross-Reactivity:	Human, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD90 (THY1)
Alternative Name:	THY1 (THY1 Products)
Background:	This gene encodes a cell surface glycoprotein and member of the immunoglobulin superfamily
	of proteins. The encoded protein is involved in cell adhesion and cell communication in

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Target Details

	numerous cell types, but particularly in cells of the immune and nervous systems. The encoded
	protein is widely used as a marker for hematopoietic stem cells. This gene may function as a
	tumor suppressor in nasopharyngeal carcinoma. Alternative splicing results in multiple
	transcript variants. [provided by RefSeq, Jul 2015],CD90,
	CDw90,Angiogenesis,Cardiovascular,CDs,Cell Type Marker,Cell Type Marker_Neuron
	marker,Cell Type Marker_Synapse marker,Hematopoietic Progenitors,Immunology &
	Inflammation,Neuroscience,Stem Cells,THY1
Molecular Weight:	25 kDa
Gene ID:	7070
UniProt:	P04216

Shii 10t.	104210
Pathways:	Cell-Cell Junction Organization

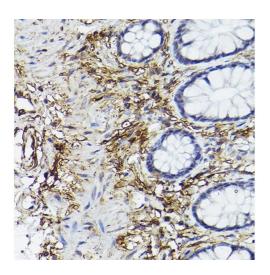
Application Details

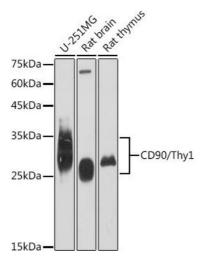
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

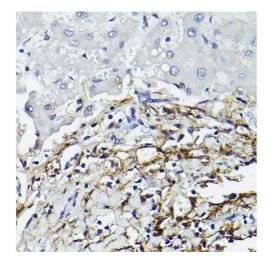
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon using CD90/Thy1 Rabbit mAb (ABIN6129735, ABIN6148554, ABIN6148555 and ABIN7101405) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD90/Thy1 antibody (ABIN6129735, ABIN6148554, ABIN6148555 and ABIN7101405) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human liver using CD90/Thy1 Rabbit mAb (ABIN6129735, ABIN6148554, ABIN6148555 and ABIN7101405) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 4 images are available for ABIN6148554.

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