antibodies .- online.com







anti-CD90 antibody





()	1 /	\sim	KI /	110	Νę
	1//	\vdash	I \/	1 ←	٠// ٢

Quantity:	200 μL
Target:	CD90 (THY1)
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD90 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse Thy1	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

Target:	CD90 (THY1)
Alternative Name:	THY1 (THY1 Products)
Background:	Thy-1orCD90(Cluster ofDifferentiation90) is a 25-37 kDaheavily N-
	$glycosylated, glycophosphatidy linositol (GPI) \ anchored \ conserved \ cell \ surface protein with \ a$
	single V-likeimmunoglobulin domain, originally discovered as athymocyteantigen. Thy-1 can be
	used as a marker for a variety ofstem cellsand for theaxonal processesof matureneurons.

Target Details

Structural study of Thy-1 lead to the foundation of theImmunoglobulin superfamily, of which it is the smallest member, and led to some of the initial biochemical description and characterization of a vertebrate GPI anchor and also the first demonstration of tissue specific differential glycosylation.

UniProt: P01831

Pathways: Cell-Cell Junction Organization

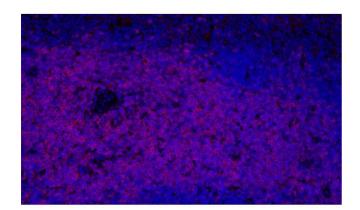
Application Details

Application Notes: IHC 1:500-1:1500, IF 1:200-1:1000

Restrictions: For Research Use only

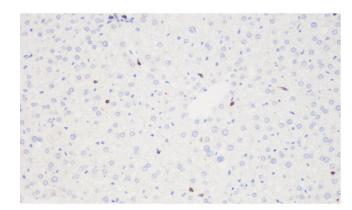
Handling

Format:	Liquid
Concentration:	1.6 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4
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.



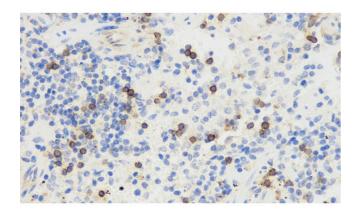
Immunofluorescence

Image 1. Immunofluorescence analysis of paraffinembedded mouse spleen using THY1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis of paraffinembedded mouse liver using THY1 Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis of paraffinembedded mouse spleen using THY1 Polyclonal Antibody at dilution of 1:500.