



# Rabbit Anti-Thy-1.1 monoclonal antibody, clone TV46-18 (CABT-L649)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	CD90
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Rat
<b>Clone</b>	TV46-18
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, ICC
<b>Molecular Weight</b>	18 kDa
<b>Cellular Localization</b>	Cell membrane.
<b>Positive Control</b>	Human lung cancer tissue, human breast carcinoma tissue.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
<b>Preservative</b>	0.05% Sodium Azide

**Storage**

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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## BACKGROUND

**Introduction**

Over 100 cell surface markers have been identified through the use of monoclonal antibodies. Many of these markers have proven useful in identifying specific subpopulations of cells within mixed colonies. Accordingly, these molecules have been assigned a "cluster of differentiation" (CD) designation. One such marker, designated Thy-1 (also referred to as CDw90), is a phosphatidyl-anchored cell surface glycoprotein which, when coexpressed with CD34 on cells from normal human bone marrow, identifies a subpopulation that includes putative hematopoietic, pluripotent stem cells. Thy-1+ cells from bone marrow have been implicated in syngeneic graft versus host disease and may serve to regulate autoreactivity after bone marrow transplant.

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**Keywords**

CD7;CD90;CD90 antigen;CDw90;FLJ33325;MGC128895;T25;Theta antigen;Thy 1;Thy 1 cell surface antigen;Thy 1 membrane glycoprotein;Thy 1 T cell antigen;Thy 1.2;Thy-1 antigen;Thy-1 membrane glycoprotein;Thy1;Thy1 antigen;Thy1 T cell antigen;Thy1.1;Thy1.2;THY1\_HUMAN;Thymus cell antigen 1, theta antibody

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