

## CD90 (Anti-Mouse) (Stromal / Mesenchymal Marker) Antibody

Rat Monoclonal Antibody [Clone IBL-6/23]

Catalog No	Format	Size
MS21838-RTM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MS21838-RTM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MS21838-RTM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

### Product Details

Clone	IBL-6/23
Gene Name	Thy-1
Immunogen	Mouse EL-4 T cell lymphoma cells
Host	Rat
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	25kDa
Cellular Localization	Cell membrane
Species Reactivity	Mouse
Positive Control	Mouse thymus.

\*Optimal dilution for a specific application should be determined.

### Product Images for CD90 (Anti-Mouse) (Stromal / Mesenchymal Marker) Antibody

#### Specificity & Comments

Recognizes a protein of 25kDa, identified as mouse Thy-1 (also known as CD90). It is a glycosyl phosphatidylinositol-anchored surface glycoprotein. CD90 is a member of the immunoglobulin superfamily. It may contribute to inhibition of proliferation/differentiation of hematopoietic stem cells and neuron memory formation in the CNS. It consists of a single Ig domain (112 amino acids; 25-35kDa) inserted into the cell membrane via a GPI anchor. Thy-1 is expressed mainly on brain and lymphoid tissues including thymocytes, Peripheral T-cells, and some intraepithelial T-lymphocytes. Thy-1 may play a role in T cell activation, development and function of nervous system, and apoptosis.

#### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

#### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.