ARG62429
anti-CD90.2 / Thy 1.2 antibody [IBL-1]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [IBL-1] recognizes CD90.2 / Thy 1.2
Tested Reactivity	Ms
Tested Application	FACS, ICC/IF, IHC-Fr
Specificity	The clone IBL-1 recognizes the mouse Thy1.2 alloantigen, also known as CD90.2, which is expressed by thymocytes and peripheral T lymphocytes. Clone IBL-1 reacts with Thy1.2 mice such as BALB/C, but not with Thy1.1 mice eg. AKR.
Host	Rat
Clonality	Monoclonal
Clone	IBL-1
Isotype	IgG2b
Target Name	CD90.2 / Thy 1.2
Species	Mouse
Immunogen	Mouse EL-4 T cell lymphoma cells.
Conjugation	Un-conjugated
Alternate Names	Thy-1 membrane glycoprotein; Thy-1 antigen; CD antigen CD90; CDw90; CD90

Application Instructions

Application table

Application	Dilution
FACS	Assay-dependent
ICC/IF	Assay-dependent
IHC-Fr	1:5000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Mouse thymus.

Properties

Form	Liquid
Purification	Purified Antibody
Buffer	1X PBS and 0.1% Sodium azide
Preservative	0.1% Sodium azide
Concentration	0.2 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 21838 Mouse Swiss-port # P01831 Mouse
Gene Symbol	Thy1
Gene Full Name	thymus cell antigen 1, theta
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 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]
Function	May play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain. [UniProt]
Research Area	Developmental Biology antibody; Immune System antibody; Neuroscience antibody
Calculated Mw	18 kDa