

DATASHEET

CD90 Rat Monoclonal Antibody(T24/31)

CAT. NO. AMA03856

KEY FEATURES

Target	CD90	Source / Host	Rat
Reactivity	Mouse	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Rat IgG2b. Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	1:50 - 1:200
FC	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rat monoclonal antibody to CD90
Specificity	Recognizes mouse CD90
Antibody Type	Primary antibody
Immunogen	Mouse T-cell hybridoma C6/G8
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Rat IgG2b. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	Thy-1 membrane glycoprotein; CDw90; Thy-1 antigen; CD90
Gene Symbol	THY1
Entrez Gene	21838(Mouse)
SwissProt	P01831(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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| DATA**| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.