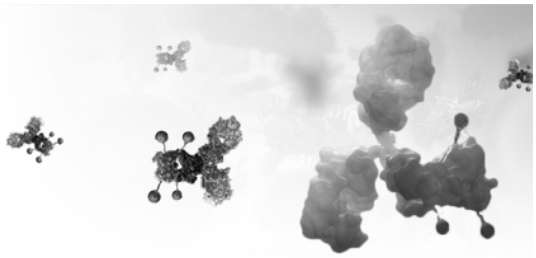

Rat Anti-Mouse Thy1 (CD90) Monoclonal antibody, clone T24/31 (CABT-L4478)

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

PRODUCT INFORMATION

Product Overview	The T24/31 monoclonal antibody reacts with mouse Thy1 also known as CD90.
Target	Mouse Thy1 (CD90)
Immunogen	Mouse Thy-1 protein
Isotype	IgG2b, κ
Source/Host	Rat
Species Reactivity	Mouse
Clone	T24/31
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	in vivo T cell depletion
Molecular Weight	150 kDa
Format	0.2 μM filtered liquid. Purified from tissue culture supernatant in an animal free facility
Concentration	Lot specific
Size	5 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free]

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	Endotoxin level: <2EU/mg (<0.002EU/μg). Determined by LAL gel clotting assay Related dilution buffer: CABT-LB04
Preservative	None
Storage	Undiluted at room temperature in the dark
Ship	Wet ice

BACKGROUND

Introduction	The T24/31 monoclonal antibody reacts with mouse Thy1 also known as CD90. Thy1 is a 25-35 kDa GPI-anchored protein belonging to the Ig superfamily that is expressed by thymocytes, peripheral T cells, myoblasts, epidermal cells, and keratinocytes. The function of Thy1 has not been fully elucidated but is thought to play roles in regulation of cell adhesion, apoptosis, metastasis, inflammation, and fibrosis. This antibody is particularly useful for depletion of T lymphocytes.
Keywords	THY1;Thy-1 cell surface antigen;CD90;thy-1 membrane glycoprotein;CDw90;thy-1 antigen;Thy-1 T-cell antigen;

GENE INFORMATION

Official Symbol	Thy-1 cell surface antigen
Synonyms	THY1; Thy-1 cell surface antigen; CD90; thy-1 membrane glycoprotein; CDw90; thy-1 antigen; Thy-1 T-cell antigen;
References	Xiong, H., et al. (2016). "Innate Lymphocyte/Ly6C Monocyte Crosstalk Promotes Klebsiella Pneumoniae Clearance." Cell. doi: 10.1016/j.cell.2016.03.017. PubMed;

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