

Datasheet for ABIN206100
anti-CD31 antibody (Biotin)



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Overview

Quantity:	0.1 mg
Target:	CD31 (PECAM1)
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD31 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Activated, Lewis rat derived microglial cells.
	Type of Immunogen: Cells
Isotype:	IgG1
Specificity:	Recognizes rat PECAM-1 (CD31), a 661 amino acid type 1 transmembrane protein expressed primarily on endothelial cells, platelets and leucocytes. Clone TLD-3A12 has been shown to partially block the proliferative response of antigen-specific CD4+ T cells to antigen-presenting cells and relevant antigen. This clone has been reported as suitable for use in IHC on formalin-fixed paraffin-embedded sections pre-treated with 0.2 M boric acid, pH 7.0. Has been shown to be cross-reactive with endothelial cells derived from rhesus macaque.
Purification:	Protein G purified

Target Details

Target:	CD31 (PECAM1)
Alternative Name:	PECAM-1 / CD31 (PECAM1 Products)
Background:	Name/Gene ID: PECAM1 Synonyms: PECAM1, CD31, CD31 antigen, EndoCAM, PECA1, PECAM-1, GPIIA
Gene ID:	5175
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Approved: ELISA, Flo (1:1), IHC, IHC-Fr, WB Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. Flow Cytometry: Use 10 µL of the suggested working dilution to label 10 ⁶ cells in 100 µL. Method sheets are available on request.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.09 % sodium azide, 1 % BSA.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.