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Datasheet for ABIN6939687

Recombinant anti-ICAM-3/CD50 antibody

2 Images

Overview

Quantity:	100 µg
Target:	ICAM-3/CD50 (ICAM3)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This ICAM-3/CD50 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Binding Studies (Bind), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full-length human ICAM3 protein
Clone:	ICAM3-2873R
Isotype:	IgG
Specificity:	Recognizes the D1 domain of an N-glycosylated glycoprotein of 120 kDa with intra-chain disulfide bonds, identified as CD50 or ICAM-3 (Leucocyte Workshop VI). CD50 is the major ligand for LFA-1 (CD11a/CD18) and may have signaling role to increase adhesion. It is expressed on thymocytes and T lymphocytes and is resistant to treatment with phosphatidylinositol (PI) phospholipase C. This MAb is excellent for staining of formalin/paraffin tissues.
Purification:	Purified by Protein A/G

Target Details

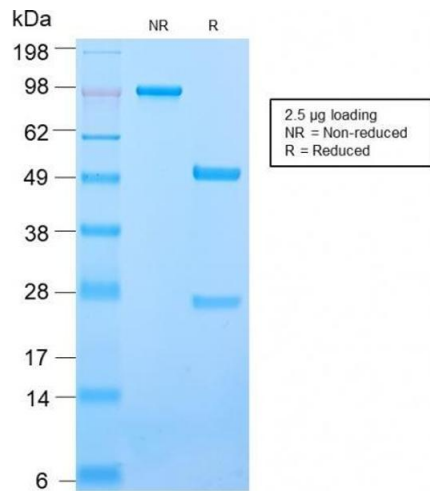
Target:	ICAM-3/CD50 (ICAM3)
Alternative Name:	ICAM3 (ICAM3 Products)
Molecular Weight:	110-160kDa
Gene ID:	3385
UniProt:	P32942

Application Details

Application Notes:	Positive Control: HL-60 or THP-1 cells. Lymph node and tonsil. Known Application: Blocks binding of CD11a (LFA-1) to CD50 (ICAM-3) (Order Ab without Azide), Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

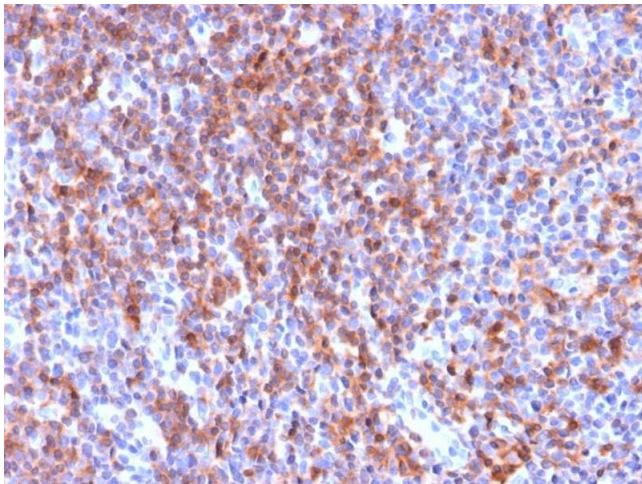
Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -80 °C
Storage Comment:	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.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CD50 Rabbit Recombinant Monoclonal Antibody (ICAM3/2873R). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Tonsil stained with CD50 Rabbit Recombinant Monoclonal Antibody (ICAM3/2873R).