

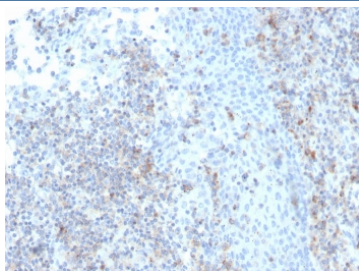
## CD50 Antibody / ICAM-3 [clone rICAM3/1019] (V8497)

Catalog No.	Formulation	Size
V8497-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8497-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8497SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

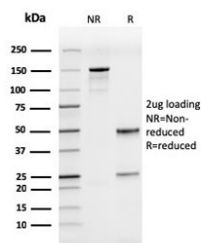
Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rICAM3/1019
Purity	Protein G affinity chromatography
UniProt	P32942
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This CD50 antibody is available for research use only.



IHC staining of FFPE human tonsil with recombinant CD50 antibody (clone rICAM3/1019). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant CD50 antibody (clone rICAM3/1019) as confirmation of integrity and purity.

## Description

Recognizes the D1 domain of an N-glycosylated glycoprotein of 120kDa 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.

## Application Notes

Optimal dilution of the CD50 antibody should be determined by the researcher.

## Immunogen

Recombinant full-length human ICAM3 protein was used as the immunogen for the CD50 antibody.

## Storage

Store the CD50 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).