

Recombinant CD50 / ICAM3 Antibody

Mouse Monoclonal Antibody [Clone rICAM3/1019]

Catalog No	Format	Size
3385-MSM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3385-MSM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3385-MSM7-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

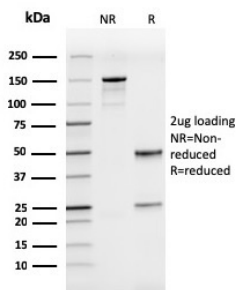
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

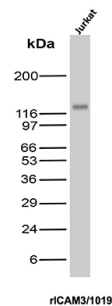
Clone	rICAM3/1019
Immunogen	Recombinant fragment (around aa1-547) of the human CD50 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	59.54kDa
Cellular Localization	Membrane
Species Reactivity	Human
Positive Control	HL-60 or THP-1 cells. Human lymph node or tonsil. Jurkat.

*Optimal dilution for a specific application should be determined.

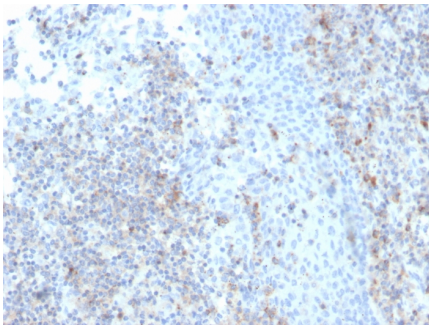
Product Images for Recombinant CD50 / ICAM3 Antibody



SDS-PAGE Analysis of Purified CD50 Recombinant Mouse Monoclonal Antibody (rICAM3/1019). Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of Jurkat cell lysate using CD50 Monoclonal Antibody (rICAM3/1019).



Formalin-fixed, paraffin-embedded human Tonsil stained with CD50 Recombinant Mouse Monoclonal Antibody (rICAM3/1019).

Specificity & Comments

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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

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.
