

CD50 / ICAM-3 Antibody - With BSA and Azide
Mouse Monoclonal Antibody [Clone ICAM3/1019]
Catalog # AH11492**Specification**

CD50 / ICAM-3 Antibody - With BSA and Azide - Product Information

Application	WB, IHC, IF, FC
Primary Accession	P32942
Other Accession	3385 , 354563
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG2b, kappa
Calculated MW	110-160kDa KDa

CD50 / ICAM-3 Antibody - With BSA and Azide - Additional Information**Gene ID** 3385**Other Names**

Intercellular adhesion molecule 3, ICAM-3, CDw50, ICAM-R, CD50, ICAM3

Application Note

WB~~1:1000<br \>IHC~~1:100~500<br \>IF~~1:50~200<br \>FC~~1:10~50

Storage

Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions

CD50 / ICAM-3 Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

CD50 / ICAM-3 Antibody - With BSA and Azide - Protein Information**Name** ICAM3**Function**

ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2) (PubMed:1448173). ICAM3 is also a ligand for integrin alpha-D/beta-2. In association with integrin alpha- L/beta-2, contributes to apoptotic neutrophil phagocytosis by macrophages (PubMed:23775590).

Cellular Location

Membrane; Single-pass type I membrane protein.

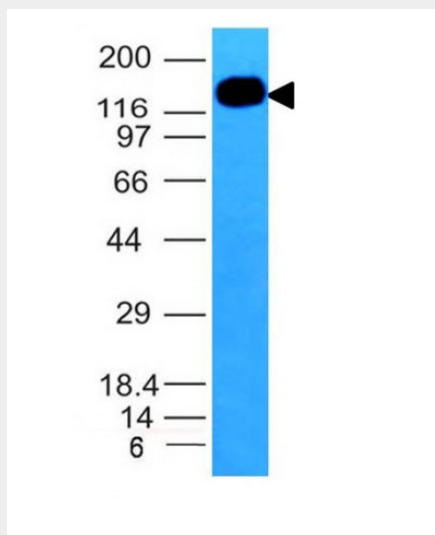
Tissue Location

Leukocytes.

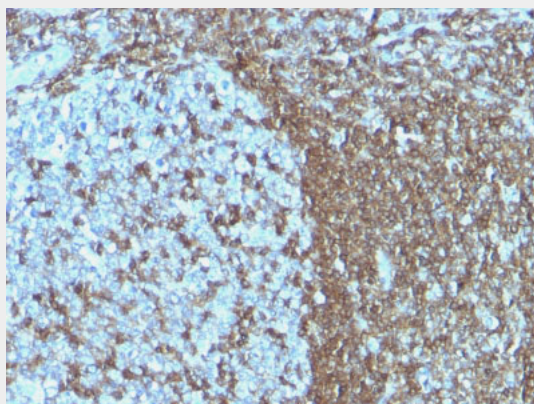
CD50 / ICAM-3 Antibody - With BSA and Azide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD50 / ICAM-3 Antibody - With BSA and Azide - Images

Western Blot Analysis of HL-60 Cell Lysate using CD50 Monoclonal Antibody (ICAM3/1019)



Formalin-fixed, paraffin-embedded human Tonsil stained with CD50 Monoclonal Antibody (ICAM3/1019)

CD50 / ICAM-3 Antibody - With BSA and Azide - Background

Recognizes an N-glycosylated glycoprotein of 120kDa with intra-chain disulfide bonds, identified as CD50 or ICAM-3. 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.

CD50 / ICAM-3 Antibody - With BSA and Azide - References

Fawcett, J., Holness, C.L., Needham, L.A., Turley, H., Gatter, K.C., Mason, D.Y. and Simmons, D.L. 1992. Molecular cloning of ICAM-3, a third ligand for LFA-1, constitutively expressed on resting leukocytes. *Nature* 360:481-484