ICAM3 Antibody (Center)
Affinity Purified Rabbit Polyclonall Antibody (Pab)
Catalog \# AP13708c

## Specification

ICAM3 Antibody (Center) - Product Information

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Application
Primary Accession
WB,E
Other Accession
P32942
NP 002153.2
Reactivity
Human
Host
Clonality
Rabbit
Polyclonal
Isotype
Rabbit IgG
Calculated MW
59541
Antigen Region
282-310
```


## ICAM3 Antibody (Center) - Additional Information

## Gene ID 3385

Other Names
Intercellular adhesion molecule 3, ICAM-3, CDw50, ICAM-R, CD50, ICAM3
Target/Specificity
This ICAM3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 282-310 amino acids from the Central region of human ICAM3.

## Dilution

WB~~1:1000

## Format

Purified polyclonal antibody supplied in PBS with $0.09 \%$ (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

## Storage

Maintain refrigerated at $2-8^{\circ} \mathrm{C}$ for up to 2 weeks. For long term storage store at $-20^{\circ} \mathrm{C}$ in small aliquots to prevent freeze-thaw cycles.

Precautions
ICAM3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## ICAM3 Antibody (Center) - 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.

## ICAM3 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ICAM3 Antibody (Center) - Images


ICAM3 Antibody (Center) (Cat. \#AP13708c) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the ICAM3 antibody detected the ICAM3 protein (arrow).

## ICAM3 Antibody (Center) - Background

The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule.

ICAM3 Antibody (Center) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Han, S., et al. Hum. Immunol. 71(7):727-730(2010)
Mosbruger, T.L., et al. J. Infect. Dis. 201(9):1371-1380(2010)
Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 19(5):1356-1361(2010)
Reuss, R., et al. Mult. Scler. 16(3):366-369(2010)

