

## ICAM-1(Ab-512) Antibody

Catalog No: #21106

Package Size: #21106-1 50ul #21106-2 100ul

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## Description

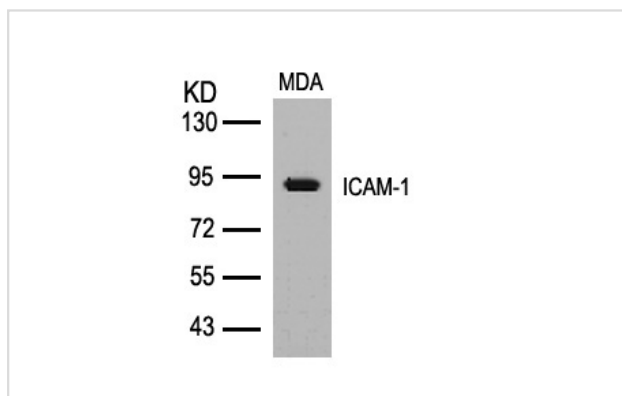
Product Name	ICAM-1(Ab-512) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total ICAM-1 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 510~514 (K-K-Y-R-L) derived from Human ICAM-1.
Target Name	ICAM-1
Other Names	ICA1; ICAM1;
Accession No.	Swiss-Prot: P05362NCBI Protein: NP_000192.2
Uniprot	P05362
GeneID	3383;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

Predicted MW: 89 92kd

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from MDA cells using ICAM-1(Ab-512) Antibody #21106.

## Background

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ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin  $\alpha$ -L/ $\beta$ -2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through SGEF and RHOG activation. In case of rhinovirus infection acts as a cellular receptor for the virus.

Greenwood J, et al. (2003) *J Immunol*; 171(4):2099-2108.

Zhou Z, et al. (2005) *Eur J Pharmacol*; 513(1-2):1-8.

Chen YH, et al. (2001) *J Cell Biochem*; 82(3):512-521

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Note: This product is for in vitro research use only