

For Research Use Only

ICAM-1 Polyclonal antibody

Catalog Number: 30806-1-AP



Basic Information

Catalog Number: 30806-1-AP	GenBank Accession Number: BC015969	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 3383	Recommended Dilutions: WB 1:1000-1:8000 IF 1:200-1:800
Source: Rabbit	ENSEMBL Gene ID: ENSG00000090339	
Isotype: IgG	UNIPROT ID: P05362	
	Full Name: intercellular adhesion molecule 1	
	Calculated MW: 90 kDa	
	Observed MW: 85-95 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: Human	WB : Ramos cells, L02 cells, Raji cells IF : Raji cells,

Background Information

ICAM-1 (CD54) is a 90-kDa transmembrane glycoprotein of the immunoglobulin superfamily and is critical for the firm attachment and transmigration of leukocytes out of blood vessels and into tissues (PMID: 19307690). ICAM-1 is expressed by several cell types, typically on endothelial cells and cells of the immune system, and its expression can be up-regulated by various stimuli, including TNF- α , INF- γ , IL-1 and thrombin (PMID: 3086451; 9694714; 15979056). It is a ligand for LFA-1 and Mac-1, serves as a receptor for rhinovirus, and is one of several receptors used by Plasmodium falciparum (PMID: 2566624; 2538244; 2475784).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

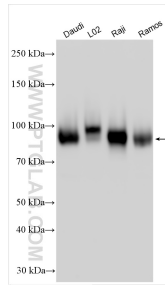
T: 4006900926

E: Proteintech-CN@ptglab.com

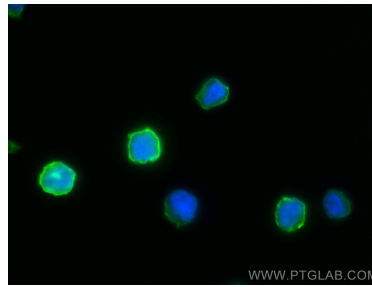
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30806-1-AP (ICAM-1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Raji cells using ICAM-1 antibody (30806-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).