

For Research Use Only

FITC-conjugated ICAM-1 Monoclonal antibody



Catalog Number: FITC-60299

1 Publications

Basic Information

Catalog Number: FITC-60299	GenBank Accession Number: BC015969	Purification Method: Protein A purification
Size: 2000 µg/ml	GeneID (NCBI): 3383	CloneNo.: 2F9A8
Source: Mouse	ENSEMBL Gene ID: ENSG00000090339	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	UNIPROT ID: P05362	Excitation/Emission maxima wavelengths: 494 nm / 520 nm
Immunogen Catalog Number: AG8309	Full Name: intercellular adhesion molecule 1	
	Calculated MW: 90 kDa	
	Observed MW: 90 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : human lung cancer tissue,
Cited Applications: IF	
Species Specificity: human	

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). This antibody is FITC conjugated ICAM1 mouse monoclonal antibody (600299-1-Ig) which has passed in WB, IHC and FC detection.

Notable Publications

Author	Pubmed ID	Journal	Application
Song Yang	35634178	Appl Bionics Biomech	IF

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

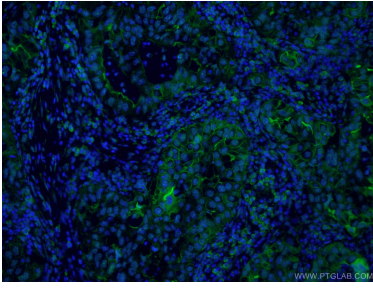
T: 4006900926

E: Proteintech-CN@ptglab.com

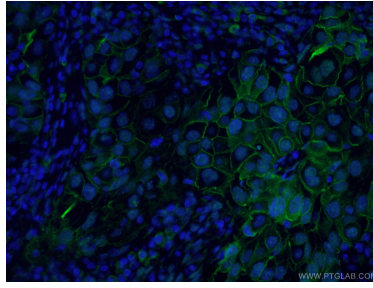
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human lung cancer tissue using FITC-60299 (ICAM-1 antibody) at dilution of 1:50.



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