

For Research Use Only

# FITC-conjugated ICAM-1/CD54 Monoclonal antibody

Catalog Number: FITC-60299

Featured Product

1 Publications



## Basic Information

Catalog Number:

FITC-60299

Size:

2000 ug/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG8309

GenBank Accession Number:

BC015969

GeneID (NCBI):

3383

ENSEMBL Gene ID:

ENSG00000090339

UNIPROT ID:

P05362

Full Name:

intercellular adhesion molecule 1

Calculated MW:

90 kDa

Observed MW:

90 kDa

Purification Method:

Protein A purification

CloneNo.:

2F9A8

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima  
wavelengths:

498 nm / 526 nm

## Applications

Tested Applications:

IF-P

Cited Applications:

IF

Species Specificity:

human

Positive Controls:

IF-P : human lung cancer tissue,

## 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- $\alpha$ , INF- $\gamma$ , 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:

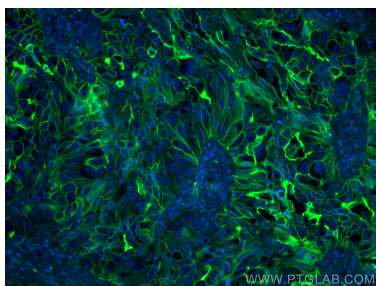
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

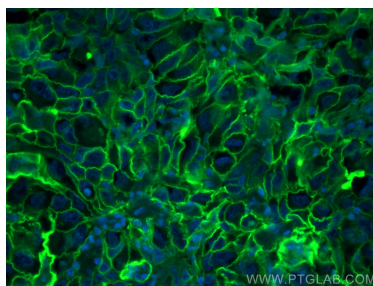
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human lung cancer tissue using FITC ICAM-1 antibody (FITC-60299, Clone: 2F9A8 ) at dilution of 1:200.



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