À des fins de recherche uniquement

Anticorps Monoclonal anti-ICAM-1

Numéro de catalogue:60299-1-Ig Phare 43 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Informations de base

Numéro de catalogue:
60299-1-Ig

Taille:
150ul , Concentration: 1100 μg/ml by Nanodrop and 700 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG8309

Numéro d'acquisition GenBank:
BC015969

Identification du gène (NCBI):
3383

Nom complet:
intercellular adhesion molecule 1

MW calculé
90 kDa

MW observés:
85-95 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
2F9A8

Dilutions recommandées:
WB 1:5000-1:50000
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules L02, cellules Daudi, cellules HeLa, cellules HepG2, cellules Raji, cellules Ramos

IHC : tissu d'amygdalite humain,

IF : tissu de cancer du poumon humain,

Informations générales

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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Zhuqing Li	34607159	Redox Biol	IF
Yisong Qian	34549987	J Virol	WB
Tong Lin	33002827	Phytomedicine	WB

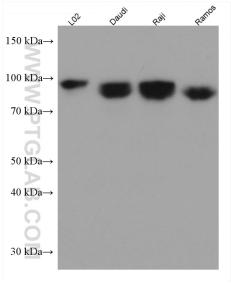
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

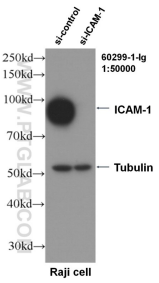
***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

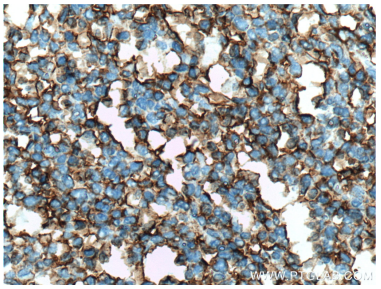
Données de validation sélectionnées



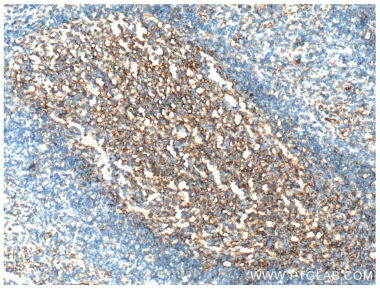
Various lysates were subjected to SDS PAGE followed by western blot with 60299-1-Ig (ICAM-1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



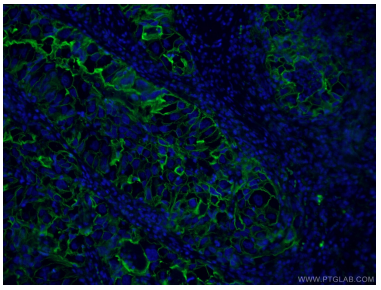
WB result of ICAM1 antibody (60299-1-Ig, 1:50,000) with si-Control and si-ICAM1 transfected Raji cells.
.



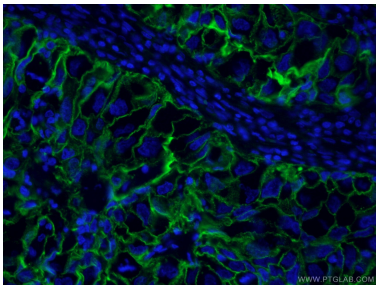
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60299-1-Ig (ICAM-1 Antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



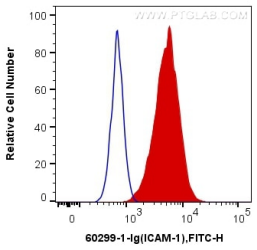
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60299-1-Ig (ICAM-1 Antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human lung cancer tissue using 60299-1-Ig (ICAM-1 antibody) at dilution of 1:200 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human lung cancer tissue using 60299-1-Ig (ICAM-1 antibody) at dilution of 1:200 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10^6 Daudi cells were surface stained with 0.4 ug Anti-Human ICAM-1 (60299-1-Ig, Clone:2F9A8) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were not fixed.