

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ICAM-1



Numéro de catalogue: 15364-1-AP

Phare

2 Publications

Informations de base

Numéro de catalogue:
15364-1-AP

Taille:
150ul , Concentration: 600 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

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 affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200

Applications

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

Demandes citées:
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; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cardiaque humain, cellules Raji

IP : cellules Raji,

IHC : tissu de cancer du côlon humain, tissu cardiaque 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 |
|--------------|-----------|-----------------------|-------------|
| Xuebing Shi | 24535541 | J Mol Histol | IHC |
| Wenshuang Li | 25391245 | Curr Pharm Biotechnol | 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.

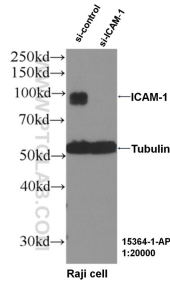
For technical support and original validation data for this product please contact:

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

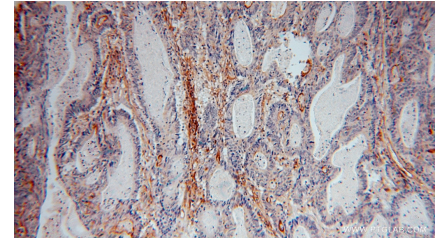
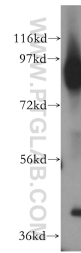
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées

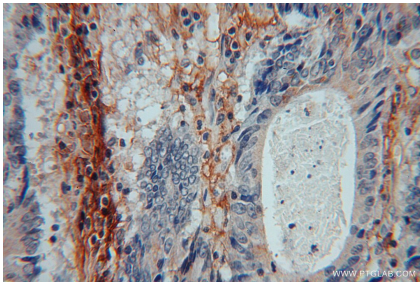


WB result of ICAM1 antibody (15364-1-AP, 1:20,000) with si-Control and si-ICAM1 transfected Raji cells.

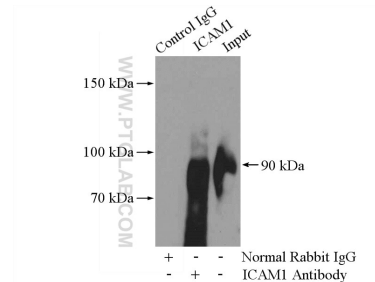
human heart tissue were subjected to SDS PAGE followed by western blot with 15364-1-AP (ICAM-1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



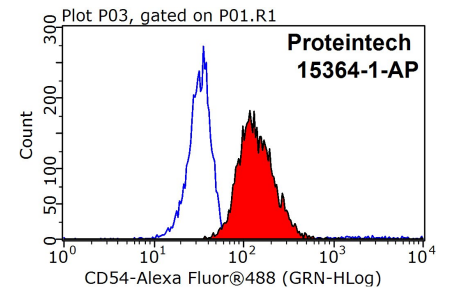
Immunohistochemical analysis of paraffin-embedded human colon cancer using 15364-1-AP (ICAM-1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 15364-1-AP (ICAM-1 antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-ICAM-1 (IP:15364-1-AP, 4ug; Detection:15364-1-AP 1:500) with Raji cells lysate 1520ug.



1X10⁶ Raji cells were stained with 0.2ug ICAM-1 antibody (15364-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.