

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ICAM-1



Numéro de catalogue: 10831-1-AP

Phare

143 Publications

## Informations de base

Numéro de catalogue:  
10831-1-AP

Taille:  
150ul, Concentration: 500 µg/ml by  
Nanodrop;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG1188

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 1:2000-1:12000  
IP 0.5-4.0 ug for IP and 1:500-1:2000  
for WB  
IHC 1:50-1:500  
IF 1:200-1:800

## Applications

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

Demandes citées:  
Blocking, CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:  
Humain

Espèces citées:  
bovin, Humain, porc

Contrôles positifs:

WB : cellules HUVEC, cellules L02, cellules Raji

IP : cellules Raji,

IHC : tissu de cancer du poumon humain, tissu  
d'amygdalite humain, tissu de cancer du foie humain

IF : tissu de cancer du poumon 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.**

## 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- $\alpha$ , 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).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yuxin Xie	33335794	Mol Ther Nucleic Acids	WB
Xinyu Zhu	36103933	Eur J Pharmacol	WB
Xiaohui Zhou	32935825	Clinics (Sao Paulo)	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.

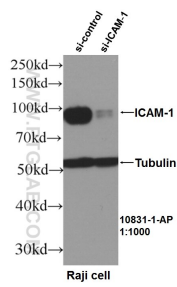
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

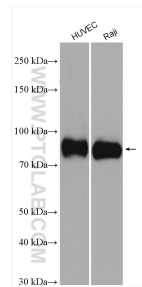
E: proteintech@ptglab.com  
W: ptglab.com

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

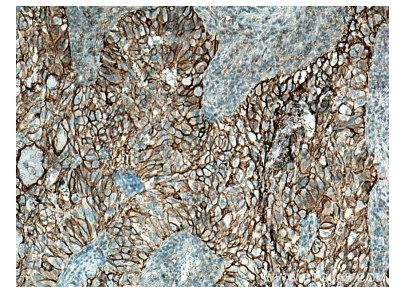
## Données de validation sélectionnées



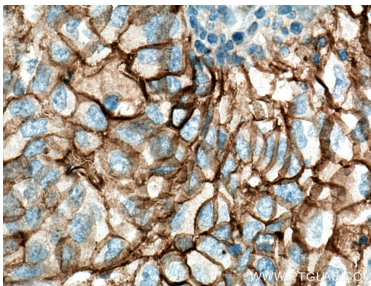
WB result of ICAM1 antibody (10831-1-AP, 1:1000) with si-Control and si-ICAM1 transfected Raji cells..



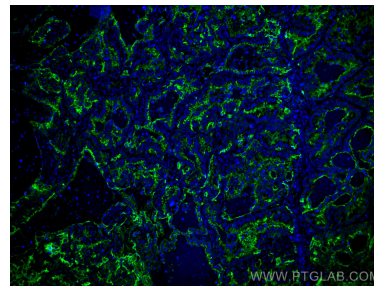
Various lysates were subjected to SDS PAGE followed by western blot with 10831-1-AP (ICAM-1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



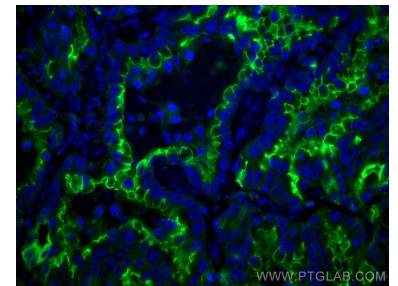
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10831-1-AP (ICAM-1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



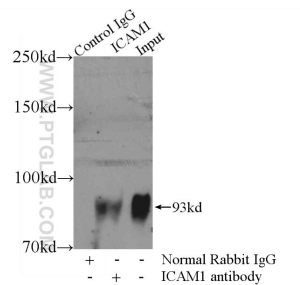
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10831-1-AP (ICAM-1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



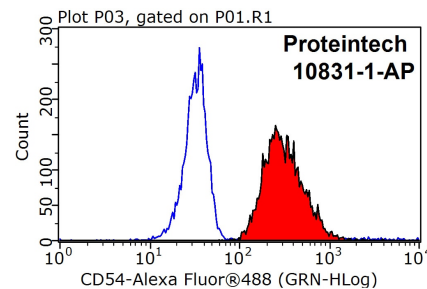
Immunofluorescent analysis of (4% PFA) fixed human lung cancer tissue using ICAM-1 antibody (10831-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human lung cancer tissue using ICAM-1 antibody (10831-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-ICAM-1 (IP:10831-1-AP, 4ug; Detection:10831-1-AP 1:1000) with Raji cells lysate 1320ug.



1X10<sup>6</sup> Raji cells were stained with 0.2ug ICAM-1 antibody (10831-1-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.