

Nur für Forschungszwecke

ICAM-1 Polyklonaler Antikörper

Katalog-Nr.: 10831-1-AP

Vorgestelltes Produkt

135 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10831-1-AP	GenBank-Zugangsnummer: BC015969	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 3383	Empfohlene Verdünnungen: WB 1:2000-1:12000
Wirt: Kaninchen	Vollständiger Name: intercellular adhesion molecule 1	IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
Isotyp: IgG	Berechnete Masse: 90 kDa	IHC 1:50-1:500
Immunogen Katalognummer: AG1188	Beobachtete Masse: 85-95 kDa	IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
Blocking, CoIP, IF, IHC, IP, WB

Getestete Reaktivität:
Human

Zitierte Arten:
Hausschwein, Human, Rind

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: HUVEC-Zellen, LO2-Zellen, Raji-Zellen

IP: Raji-Zellen,

IHC: humanes Lungenkarzinomgewebe, humanes Leberkarzinomgewebe, humanes Tonsillitisgewebe

IF: humanes Lungenkarzinomgewebe,

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

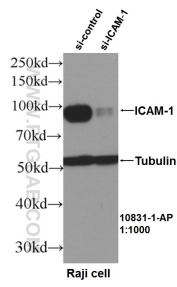
For technical support and original validation data for this product please contact:

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

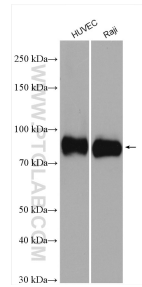
E: proteintech@ptglab.com
W: ptglab.com

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

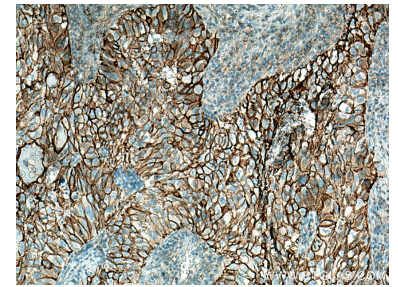
Ausgewählte Validierungsdaten



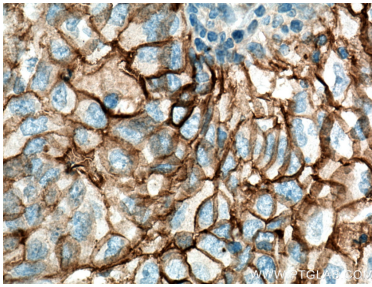
WB result of ICAM1 antibody (10831-1-AP, 1:1000) with si-Control and si-ICAM1 transfected Raji cells..



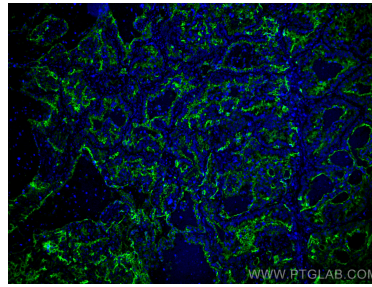
Various lysates were subjected to SDS PAGE followed by western blot with 10831-1-AP (ICAM-1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



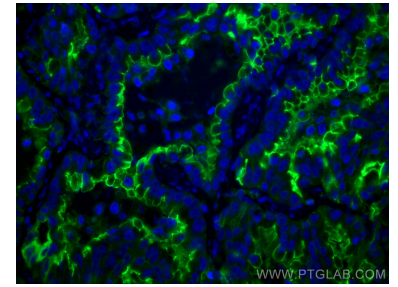
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10831-1-AP (ICAM-1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



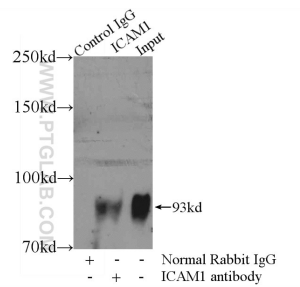
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10831-1-AP (ICAM-1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



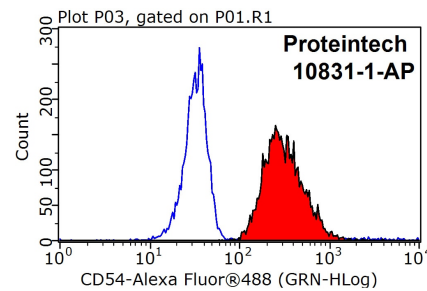
Immunofluorescent analysis of (4% PFA) fixed human lung cancer tissue using ICAM-1 antibody (10831-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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.



1X10⁶ 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.