

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-JAML



Numéro de catalogue: 21302-1-AP

3 Publications

Informations de base

Numéro de catalogue: 21302-1-AP	Numéro d'acquisition GenBank: BC100797	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 120425	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:20-1:200 IF 1:10-1:100
Hôte: Lapin	Nom complet: adhesion molecule, interacts with CXADR antigen 1	
Isotype: IgG	MW calculé 394 aa, 44 kDa	
Immunogen Catalog Number: AG15900	MW observés: 44 kDa, 50-70 kDa	

Applications

Applications testées: FC, IF, IHC, WB, ELISA	Contrôles positifs: WB : cellules HL-60, cellules Jurkat, cellules LO2 IHC : tissu splénique humain, IF : cellules HeLa,
Demandes citées: IF, IHC, WB	
Spécificité de l'espèce: Humain	
Espèces citées: Humain, souris	

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.

Informations générales

Junctional adhesion molecules (JAM-A, JAM-B, and JAM-C) are endothelial and epithelial adhesion molecules involved in the recruitment of circulating leukocytes to inflammatory sites (PMID: 19064666). JAML (junctional adhesion molecule-like), also known as AMICA1, is related to JAM proteins. It contains 2 extracellular immunoglobulin-like domains, a transmembrane segment, and a cytoplasmic tail. JAML is expressed on leukocytes and promotes their adhesion to endothelial cells (PMID: 12869515). JAML can regulate neutrophil transepithelial migration via binding interactions with epithelial coxsackie and adenovirus receptor (CAR) (PMID: 15800062). The full-length human JAML protein has a calculated molecular weight of 44 kDa. This antibody raised against 40-275 aa of human JAML protein detects bands with molecular weight of 44 kDa, and 50-70 kDa which probably represent different glycoforms of the protein (PMID: 12869515; 24621992; 15800062).

Publications notables

Autrice	Pubmed ID	Journal	Application
Qian Wu	35672776	J Transl Med	IHC,IF
Yu Sun	31101724	Clin Sci (Lond)	IHC,IF
Wei Gu	35090936	Eur J Pharmacol	WB,IHC

Stockage

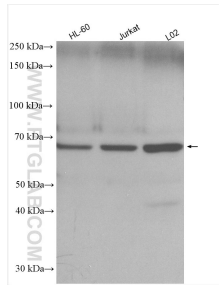
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

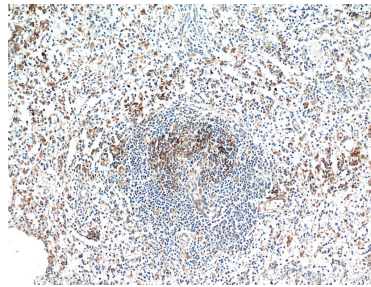
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

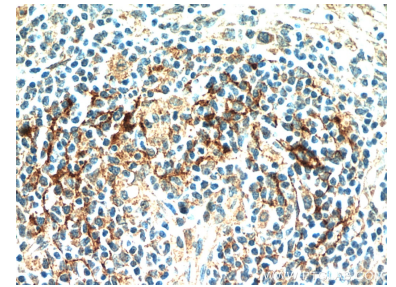
Données de validation sélectionnées



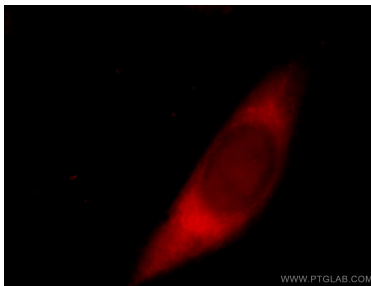
Various lysates were subjected to SDS PAGE followed by western blot with 21302-1-AP (JAML antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



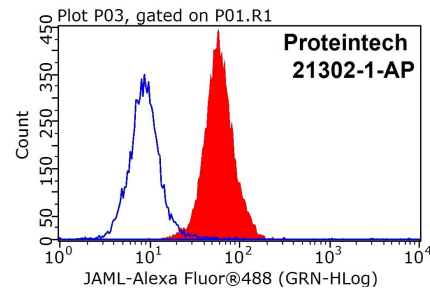
Immunohistochemical analysis of paraffin-embedded human spleen using 21302-1-AP (JAML antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human spleen using 21302-1-AP (JAML antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using AMICA1 antibody 21302-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



1x10⁶ HeLa cells were stained with 0.2ug JAML antibody (21302-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). FITC-Goat anti-Rabbit IgG with dilution 1:100.