

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CD99



Numéro de catalogue: 23079-1-AP

3 Publications

Informations de base

Numéro de catalogue:

23079-1-AP

Taille:

150ul, Concentration: 600 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG19461

Numéro d'acquisition GenBank:

BC021620

Identification du gène (NCBI):

4267

Nom complet:

CD99 molecule

MW calculé

19 kDa, 16 kDa, 17 kDa

MW observés:

28 kDa, 32 kDa

Méthode de purification:

Purifié par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IHC 1:20-1:200

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

IF, IHC

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, porc

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 : cellules Jurkat, cellules THP-1, cellules U-937

IHC : tissu pancréatique humain, tissu testiculaire humain

Informations générales

CD99, also known as MIC2, is a heavily O-glycosylated transmembrane protein involved in T-cell adhesion processes and in spontaneous rosette formation with erythrocytes. CD99 is broadly distributed on many cell types, with particularly strong expression on human cortical thymocytes, Ewing's sarcoma cells and peripheral primitive neuroectodermal tumors (PMID: 9794396; 16984917). In normal cells, CD99 has been functionally implicated in cell adhesion, migration, apoptosis, differentiation, activation, and proliferation of lymphocytes and monocyte extravasation and transport of several transmembrane proteins (PMID: 16984917). CD99 displays two surface isoforms generated by alternative splicing: a long 32 kDa and a short 28 kDa form (PMID: 12368226).

Publications notables

Autrice	Pubmed ID	Journal	Application
Jorge Hernando-Cubero	27698882	Oncol Lett	IHC
Lingkai Zhang	34872612	J Anim Sci Biotechnol	IHC, IF
Binbin Chen	35428764	Cell Death Dis	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 -20°C

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

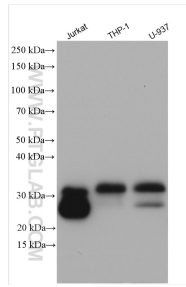
For technical support and original validation data for this product please contact:

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

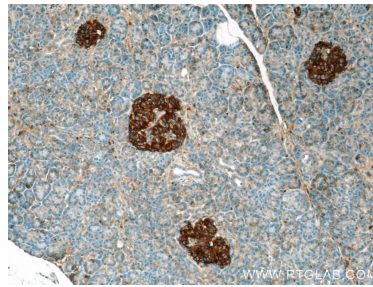
E: proteintech@ptglab.com
W: ptglab.com

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

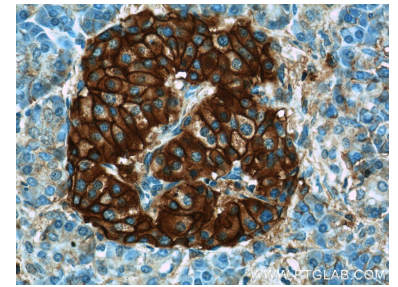
Données de validation sélectionnées



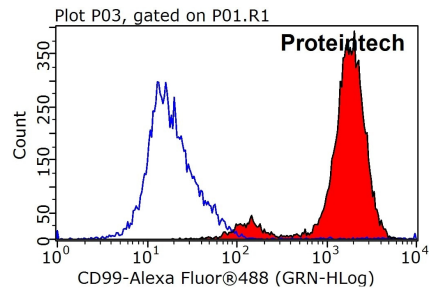
Various lysates were subjected to SDS PAGE followed by western blot with 23079-1-AP (CD99 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas slide using 23079-1-AP (CD99 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas slide using 23079-1-AP (CD99 Antibody) at dilution of 1:50 (under 40x lens).



1X10⁶ Jurkat cells were stained with 0.5ug CD99 antibody (23079-1-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.