

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD47

Numéro de catalogue: 66304-1-Ig

Phare

9 Publications



Informations de base

Numéro de catalogue:

66304-1-Ig

Numéro d'acquisition GenBank:

BC010016

Méthode de purification:

Purification par protéine A

Taille:

150ul, Concentration: 1500 µg/ml by 961

Identification du gène (NCBI):

961

CloneNo.:

1E1D8

Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;

Nom complet:

CD47 molecule

Dilutions recommandées:

WB 1:1000-1:8000

Hôte:

Mouse

MW calculé

323 aa, 35 kDa

Isotype:

IgG2b

MW observés:

55 kDa

Immunogen Catalog Number:

AG14132

Applications

Applications testées:

FC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HeLa, cellules A549, cellules HT-1080, cellules HUVEC, cellules Jurkat, cellules K-562, cellules NCI-H1299, cellules SKOV-3, cellules TF-1, tissu placentaire humain

Informations générales

CD47, also known as integrin-associated protein (IAP), is a member of the immunoglobulin superfamily containing a five-pass transmembrane attachment. CD47 is heavily glycosylated and widely expressed by hematopoietic and nonhematopoietic cells. CD47 interacts with several membrane integrins and also acts a receptor for thrombospondin (THBS1). It is involved in a range of cellular processes, including apoptosis, proliferation, adhesion, and migration. CD47 also functions as a ligand for signal regulatory protein- α (SIRP α). Upon binding CD47, SIRP α initiates a signaling cascade that results in the inhibition of phagocytosis.

Publications notables

Autrice	Pubmed ID	Journal	Application
Hongying Chen	34702291	J Nanobiotechnology	WB
Sukhbir Kaur	34841476	J Cell Commun Signal	IF
Jing Li	35539950	RSC Adv	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.

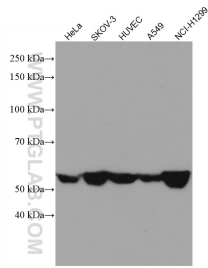
For technical support and original validation data for this product please contact:

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

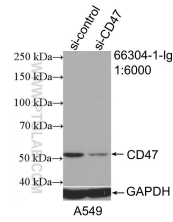
E: proteintech@ptglab.com
W: ptglab.com

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

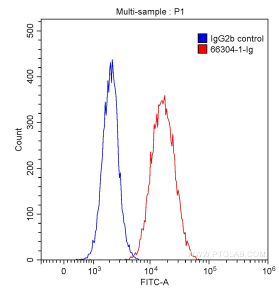
Données de validation sélectionnées



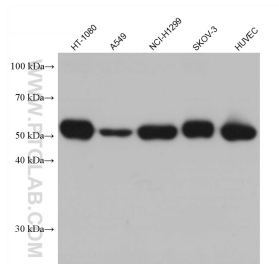
Various lysates were subjected to SDS PAGE followed by western blot with 66304-1-Ig (CD47 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



WB result of CD47 antibody (66304-1-Ig: 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CD47 transfected A549 cells.



1×10^6 HUVEC cells were stained with 0.20 μ g Anti-Human CD47 (66304-1-Ig, Clone:1E1D8) (red) or 0.20 μ g isotype control antibody (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution of 1:1000. Cells were fixed with 90% MeOH.



Various lysates were subjected to SDS PAGE followed by western blot with 66304-1-Ig (CD47 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.