

Nur für Forschungszwecke

CD47 Monoklonaler Antikörper

Katalog-Nr.:66304-1-Ig

Vorgestelltes Produkt

7 Publikationen



Allgemeine Informationen

Katalog-Nr.:
66304-1-Ig

Größe:
150ul, Konzentration: 1500 µg/ml von961
Nanodrop und 1000 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Maus

Isotyp:
IgG2b

Immunogen Katalognummer:
AG14132

GenBank-Zugangsnummer:
BC010016

GeneID (NCBI):

Vollständiger Name:
CD47 molecule

Berechnete Masse:
323 aa, 35 kDa

Beobachtete Masse:
55 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
1E1D8

Empfohlene Verdünnungen:
WB 1:1000-1:8000

Anwendungen

Geprüfte Anwendungen:

FC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB : HeLa-Zellen, A549-Zellen, HT-1080.Zellen,
humanes Plazenta-Gewebe, HUVEC-Zellen, Jurkat-
Zellen, K-562-Zellen, NCI-H1299-Zellen, SKOV-3-
Zellen, TF-1-Zellen

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

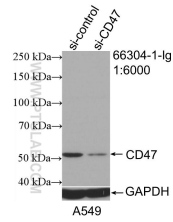
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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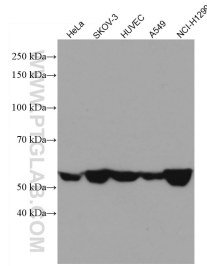
E: proteintech@ptglab.com
W: ptglab.com

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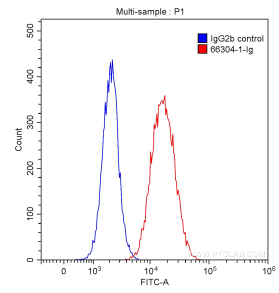
Ausgewählte Validierungsdaten



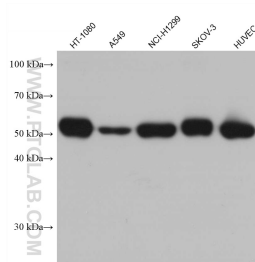
WB result of CD47 antibody (66304-1-Ig; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CD47 transfected A549 cells.



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.



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.