

Nur für Forschungszwecke

CD9 Monoklonaler Antikörper

Katalog-Nr.:60232-1-Ig

Vorgestelltes Produkt

57 Publikationen



Allgemeine Informationen

Katalog-Nr.: 60232-1-Ig	GenBank-Zugangsnummer: BC011988	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1500 µg/ml von928 Nanodrop;	GeneID (NCBI): Vollständiger Name: CD9 molecule	CloneNo.: 4H7B9
Wirt: Maus	Berechnete Masse: 228 aa, 25 kDa	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:1000-1:4000 IF 1:200-1:800
Isotyp: IgG1	Beobachtete Masse: 23-27 kDa	
Immunogen Katalognummer: AG14529		

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, PLA, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

Positivkontrollen:

WB : A375-Zellen, A549-Zellen, HeLa-Zellen, HepG2-Zellen, L02-Zellen

IHC : humanes Ovarialkarzinomgewebe, humanes Kolonkarzinomgewebe, humanes Mammakarzinomgewebe, humanes Tonsillitisgewebe

IF : humanes Mammakarzinomgewebe, humanes Ovarialkarzinomgewebe

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

Hintergrundinformationen

The cell-surface molecule CD9, a member of the transmembrane-4 superfamily, interacts with the integrin family and other membrane proteins, and is postulated to participate in cell migration and adhesion. Expression of CD9 enhances membrane fusion between muscle cells and promotes viral infection in some cells (PMID:10459022). It is often used as a mesenchymal stem cell marker (PMID:18005405). CD9 is also known as the p24 antigen besides MIC3, TSPAN29 because it is a protein of molecular weight 24 kD. The CD9 antigen appears to be a 227-amino acid molecule with 4 hydrophobic domains and 1 N-glycosylation site.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kosuke Otani	31561474	Int J Mol Sci	WB
Na-Na Sun	34483252	Chin Med J (Engl)	WB
Zhi-Hong Zong	31666098	J Exp Clin Cancer Res	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

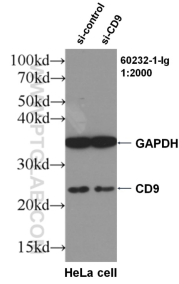
For technical support and original validation data for this product please contact:

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

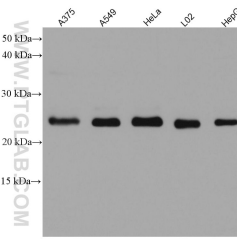
E: proteintech@ptglab.com
W: ptglab.com

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

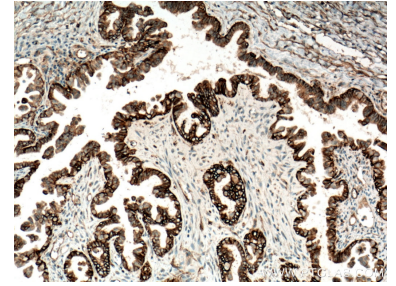
Ausgewählte Validierungsdaten



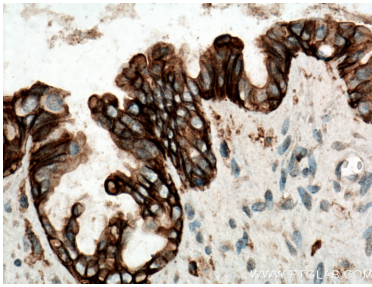
WB result of CD9 antibody (60232-1-Ig, 1:2000) with si-Control and si-CD9 transfected HeLa cells.



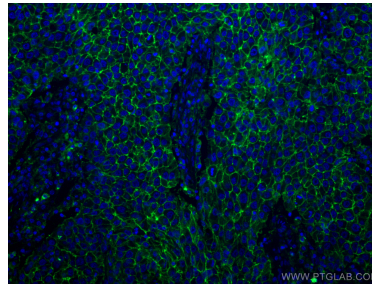
Various lysates were subjected to SDS PAGE followed by western blot with 60232-1-Ig (CD9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



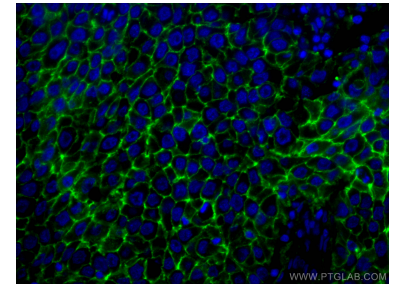
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60232-1-Ig (CD9 antibody) at dilution of 1:2000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



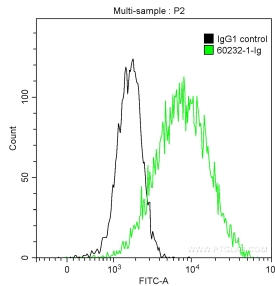
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60232-1-Ig (CD9 antibody) at dilution of 1:2000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using CD9 antibody (60232-1-Ig, Clone: 4H7B9) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using CD9 antibody (60232-1-Ig, Clone: 4H7B9) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1×10^6 HeLa cells were stained with 0.2 ug Anti-Human CD9 (60232-1-Ig, Clone:4H7B9) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or 0.2 ug isotype control (black). Cells were fixed with 4% PFA.