

Allgemeine Informationen

Katalog-Nr.: 10100-2-AP	GenBank-Zugangsnummer: BC003091	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 133 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5819	Empfohlene Verdünnungen: WB 1:200-1:1000
Wirt: Kaninchen	Vollständiger Name: poliovirus receptor-related 2 (herpesvirus entry mediator B)	
Isotyp: IgG	Berechnete Masse: 58 kDa	
Immunogen Katalognummer: AG0149		

Anwendungen

Geprüfte Anwendungen: FC, WB,ELISA	Positivkontrollen: WB : Mausnierengewebe, 3T3-L1-Zellen, Mausherzgewebe
In Publikationen genannte Anwendungen: IF, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Affe	

Hintergrundinformationen

Poliovirus receptor-related 2 (herpesvirus entry mediator B) (PVRL2, synonyms: HVEB, PRR2, CD112, PVRR2) is an adhesion molecule widely expressed in cell lines of different lineages, including hematopoietic, neuronal, endothelial and epithelial cells. CD112 belongs to a new family of immunoglobulin-like molecules that includes four members (CD111, CD112, PRR3 and CD155) sharing an ectodomain made of three Ig domains, of V, C, C types. CD112 is expressed in the myelo-monocytic and megakaryocytic hematopoietic lineages and the function in hematopoiesis is currently unknown. CD112 is an intercellular homophilic adhesion. CD112 localizes specifically at adherens junctions via its cytoplasmic interaction with the scaffold F-actin binding protein afadin. This interaction is mediated by a sequence located to the C terminal ends of both isoforms of CD112 (A/ExYV) and the PDZ domain of afadin. This sequence is also found in CD112 and PRR3 and represents a specific consensus in the family, which is also named nectin family. Disruption of the murine CD112 gene leads to infertility of male mice with morphologically aberrant spermatozoa. CD112 mediates entry of some alphaherpesvirus mutants (also named HveB) via its V domain. CD112 is involved in cell to cell spreading of viruses

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Dudak Amanda A	21371776	Eur J Cell Biol	WB,IF

Lagerung

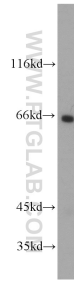
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

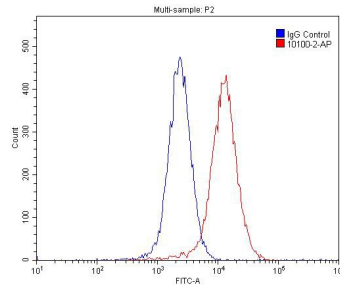
For technical support and original validation data for this product please contact:
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 E: proteintech@ptglab.com
 W: ptglab.com

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Ausgewählte Validierungsdaten



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 10100-2-AP (Nectin 2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



1×10^6 MCF-7 cells were stained with 0.2ug Nectin 2 antibody (10100-2-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.