Nur für Forschungszwecke

B7-H3 Monoklonaler Antikörper

Katalog-Nr.:66481-1-Ig Vorgestelltes Produkt 6 Publikationen

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Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
66481-1-Ig

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

Wirt:
Maus

Isotyp:
IgG2a

Immunogen Katalognummer:
AG6006

GenBank-Zugangsnummer:
BC062581

GeneID (NCBI):
80381

Vollständiger Name:
CD276 molecule

Berechneté Masse:
57 kDa

Beobachteté Masse:
100 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
1E7D1

Empfohlene Verdünnungen:
WB 1:1000-1:6000
IHC 1:2500-1:10000
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:
CoIP, FC, IHC, IP, WB

Getestete Reaktivität:
Hausschwein, Human

Zitierte Arten:
Human

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

Positivkontrollen:

WB : HEK-293-Zellen, A431-Zellen, PC-3-Zellen

IHC : humanes Tonsillitisgewebe, humanes Lungenkarzinomgewebe, humanes Plazenta-Gewebe, humanes Prostatakarzinomgewebe

IF : humanes Tonsillitisgewebe,

Hintergrundinformationen

B7-H3 (CD276) is a type I transmembrane protein expressed on many tissues and cell types. B7-H3 is a 100-kDa glycoprotein that belongs to the B7 immunoregulatory family and participates in the regulation of T-cell-mediated immune response probably by functioning as both a T cell costimulator and coinhibitor (PMID: 25567370; 20696859). Overexpressed on a wide range of human solid cancers, B7-H3 has been implicated in cancer progression and metastasis and becomes an attractive target for cancer immunotherapy (PMID: 27208063).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Meiyun Sun	35003371	J Cancer	WB,CoIP
Shasha Zhao	35768165	J Immunother Cancer	WB,FC
Yingzhen Gao	35752862	J Transl Med	IP

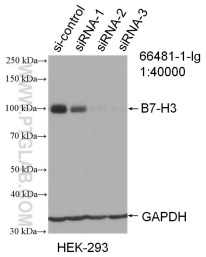
Lagerung

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

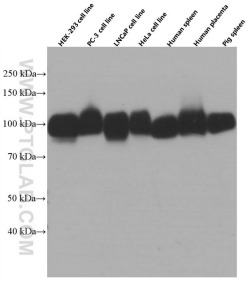
*** 20ul-Größen enthalten 0.1% BSA

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

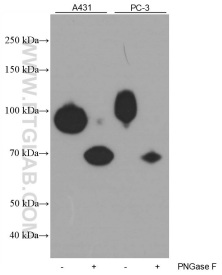
Ausgewählte Validierungsdaten



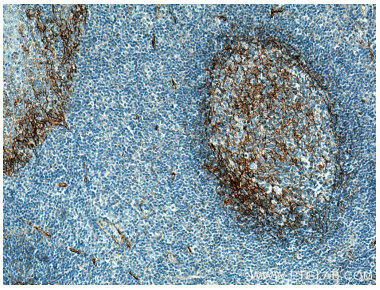
WB result of B7-H3 antibody (66481-1-Ig; 1:40000; incubated at room temperature for 1.5 hours) with normal HEK-293 (sh-control) and three independent sh-B7-H3 transfected HEK-293 cells.



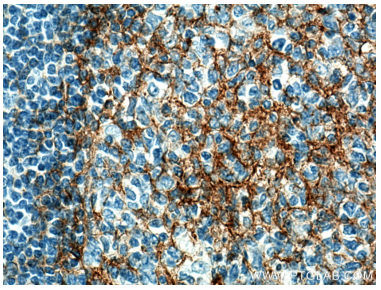
HEK-293, PC-3, LNCaP, HeLa cells, and human spleen, human placenta, pig spleen tissues were subjected to SDS PAGE followed by western blot with 66481-1-Ig (B7-H3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



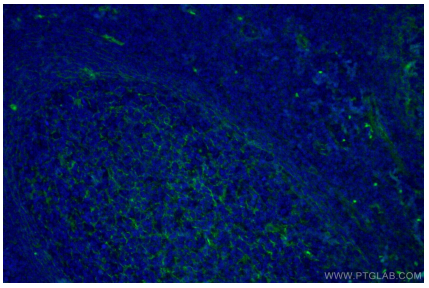
Untreated and PNGase F-treated lysates of A431 cells and PC-3 cells were subjected to SDS PAGE followed by western blot with 66481-1-Ig (B7-H3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



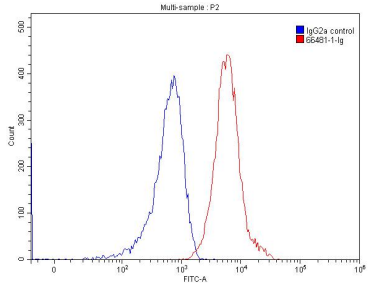
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66481-1-Ig (B7-H3 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66481-1-Ig (B7-H3 antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 66481-1-Ig (B7-H3 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10^6 HEK-293 cells were stained with 0.20ug B7-H3 antibody (66481-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH.