

B7-H4 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse B7-H4 Phe29-Pro258
Form	Lyophilized
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2607079

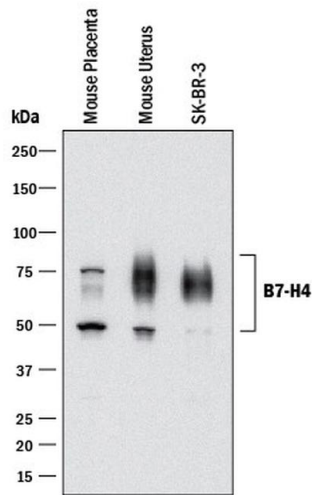
Applications	Tested Dilution	Publications
Western Blot (WB)	2 µg/mL	-
Immunocytochemistry (ICC/IF)	-	1 Publication
Flow Cytometry (Flow)	0.25 µg per million cells	-

Product Specific Information

In direct ELISAs and Western blots, less than 1% cross-reactivity with recombinant mouse (rm) B7-1, rmB7-2, rmB7-H1, rmB7-H2, rmB7-H3, and rmPD-L2 is observed.

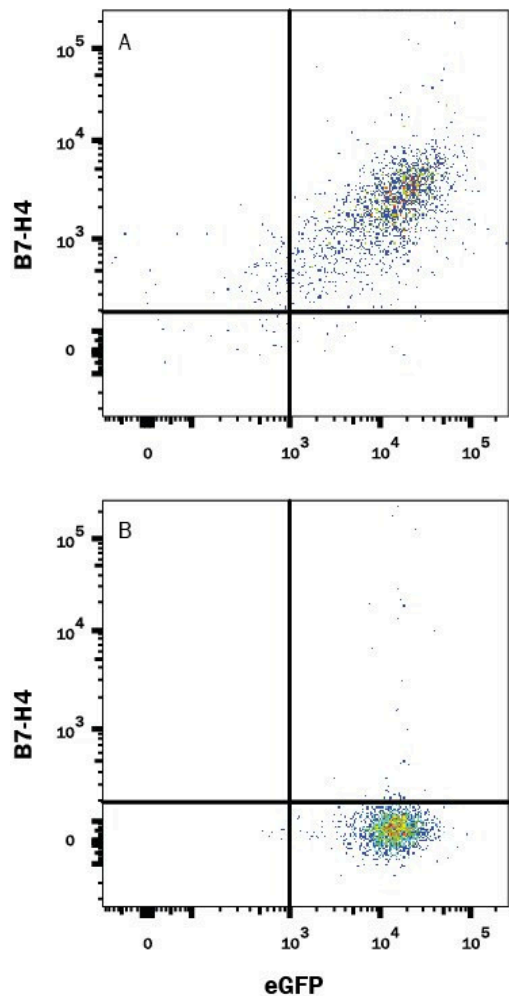
Reconstitute at 0.2 mg/mL in sterile PBS.

Product Images For B7-H4 Polyclonal Antibody



B7-H4 Antibody (PA5-47261) in WB

Western blot analysis of B7-H4 in mouse placenta tissue, mouse uterus tissue, and SK,BR,3 human breast cancer cell line. Samples were incubated in B7-H4 polyclonal antibody (Product # PA5-47261) using a dilution of 2 µg/mL followed by a HRP-conjugated Anti-Goat IgG secondary antibody. Specific bands were detected for B7,H4 at approximately 50-75 kDa (as indicated). This experiment was conducted under reducing conditions.



B7-H4 Antibody (PA5-47261) in Flow

Flow cytometry of B7-H4 in HEK293 human embryonic kidney cell line transfected with either (A) mouse B7-H4 or (B) irrelevant protein and eGFP. Samples were incubated in B7-H4 polyclonal antibody (Product # PA5-47261) followed by APC-conjugated anti-Goat IgG Secondary Antibody. Quadrant markers were set based on Goat IgG control antibody staining.

Immunocytochemistry (1)

International journal of oncology	Year 2020
Identification of the cismolecular neighbours of the immune checkpoint protein B7H4 in the breast cancer cellline SKBR3 by proteomic proximity labelling.	Species Human
"Published figure using B7-H4 polyclonal antibody (Product # PA5-47261) in Immunocytochemistry"	Dilution 1:250
Authors: Rees JS,Cheung LCC,Hamaia SW,Davies G,Sandercock A,Lilley KS,Tigue N,Jackson AP	

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