

Product Datasheet

B7-H4 Antibody

NBP1-06096

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-06096

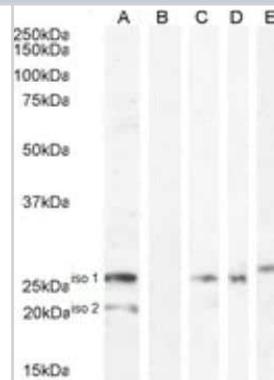
B7-H4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	79679
Gene Symbol	VTCN1
Species	Human
Immunogen	Peptide with sequence C-SKGKGNANLEYK corresponding to internal region according to NP_078902.2.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 1 ug/mL, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 28 kDa band observed in human pancreas lysates (calculated MW of 30.9 kDa band according to NP_078902.2).

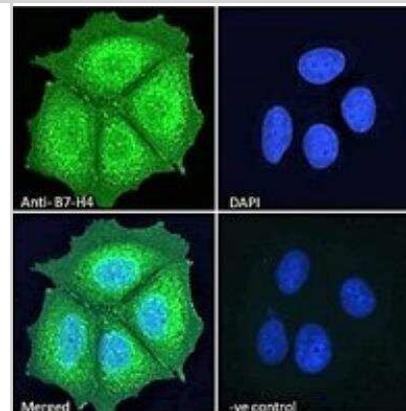


Images

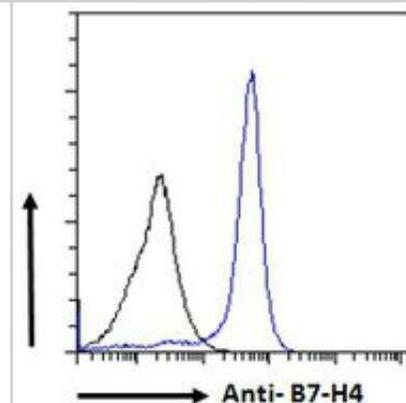
Western Blot: B7-H4 Antibody [NBP1-06096] - Staining of HEK293 iso 1 + iso 2 cell lysate (A) + peptide (B). Human Adrenal Gland iso 1 (C), Human Adrenal Gland iso 2 (D) with antibody at 1 ug/mL and Human pancreas iso 1 (E) lysate with antibody at 0.1 ug/mL (35 ug protein in RIPA buffer). Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: B7-H4 Antibody [NBP1-06096] - Analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing membrane/cell junction and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Flow Cytometry: B7-H4 Antibody [NBP1-06096] - Analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Krambeck AE, Thompson RH, Dong H et al. B7-H4 expression in renal cell carcinoma and tumor vasculature: associations with cancer progression and survival. Proc Natl Acad Sci U S A 2006-07-05 [PMID: 16798883]



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Products Related to NBP1-06096

NBL1-17768	B7-H4 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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