

Mouse anti-Human B7H4 Monoclonal Antibody | anti-B7H4 antibody

B7H4 antibody (biotin)

CATALOG # AAA107117	HOST Mouse	REACTIVITY Human	APPLICATIONS Lateral Flow
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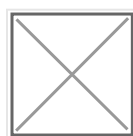
PRODUCT SYNONYMS

B7H4; Monoclonal Antibody; B7H4 antibody (biotin); Monoclonal B7H4 antibody; Anti-B7H4; BH4-7; B7H4;B7H4 antibody; BH4 7 ;BH4-7 antibody; B7S1 antibody; B7X antibody; B7-S1 antibody; BH4 7 antibody.; anti-B7H4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	H74
Specificity	Mouse
Form/Format	Liquid in PBS,pH 7.2, with 0.1% Gelatin and 0.09% Sodium Azide.
Concentration	0.5 mg/mL (varies by lot)
Sequence Length	87
Applicable Applications for anti-B7H4 antibody	LF (Lateral Flow)
Biological Significance	The H74 monoclonal antibody was generated and reacts with human B7-S1, also known as B7-H4 and B7x. Cross reactivity of this antibody to other proteins has not been determined. B7S1 is a newly discovered member of the B7 family. It is speculated that the costimulatory regulation of T cells by B7S1 is influenced by the activation status of B cells. While it is reported that BTLA is a counter receptor for B7S1, further studies are needed to definitely determine the B7-H4 ligand. H74 stains human B7-H4 transfected cells and not peripheral blood cells. Exact expression pattern of B7-H4 has not been fully characterized.
Tag/Conjugate	Biotin
Preparation and Storage	4°C only. DO NOT FREEZE.

IMAGES



FCM/FACS (Flow Cytometry)

Staining of non-transfected (left) and human B7-H4 transfected (right) 293T cells with Mouse IgG1 kappa Isotype Control (biotin) (open histogram) or 0.06 ug Anti-Human B7H4 (biotin) (filled histogram) followed by Streptavidin (PE). Total cells were used for analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-B7H4 antibody	Mouse monoclonal B7H4 antibody (biotin)
Product Categories/Family for anti-B7H4 antibody	Immunology; Conjugated Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	42357719
NCBI GeneID	79679
UniProt Accession #	Q7Z7D3; Q0GN76; Q45VN0; Q5WPZ3; Q6P097; Q9H6B2
Molecular Weight	20,743 Da
NCBI Official Full Name	B7-H4 protein
NCBI Official Synonym Full Names	V-set domain containing T cell activation inhibitor 1
NCBI Official Symbol	VTCN1
NCBI Official Synonym Symbols	B7X; B7H4; B7S1; B7-H4; B7h.5; VCTN1; PRO1291
NCBI Protein Information	V-set domain-containing T-cell activation inhibitor 1
UniProt Protein Name	V-set domain-containing T-cell activation inhibitor 1
UniProt Gene Name	VTCN1
UniProt Synonym Gene Names	B7-H4
UniProt Entry Name	VTCN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/b7h4-antibody-clone-h74-lateral-flow-elisa/107117>