

Rabbit anti-Mouse PD-1H Monoclonal Antibody | anti-PD-1H antibody

Anti-PD-1H [MH5A]

CATALOG # AAA72099	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
------------------------------	-----------------------	----------------------------	--

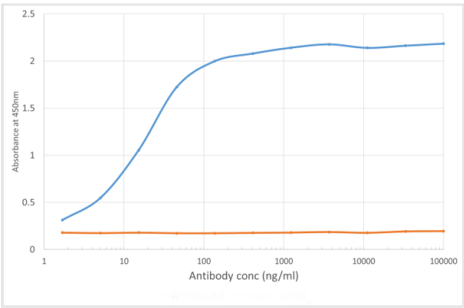
PRODUCT SYNONYMS

PD-1H; Monoclonal Antibody; Anti-PD-1H [MH5A]; VISTA; VISR; B7-H5; B7H5; GI24; PP2135; SISP1; DD1alpha; C10orf54; chromosome 10 open reading frame 54; V-set immunoregulatory receptor; anti-PD-1H antibody

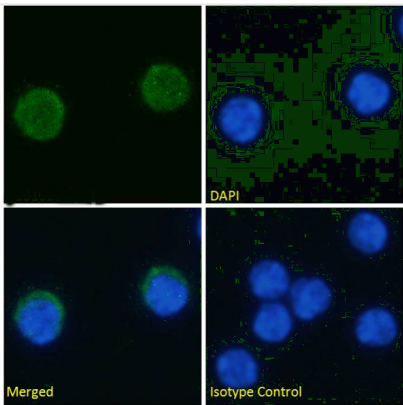
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG, lambda
Clone Number	MH5A
Specificity	This antibody specifically binds PD-1H.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PD-1H antibody	Blocking, IHC (Immunohistochemistry), ELISA
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Hamster IgG format, for improved compatibility with existing reagents, assays and techniques.
PMID	21768399
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



ELISA
ELISA of anti-VISTA antibody on VISTA-Fc fusion protein. Binding curve of the rabbit chimeric version of the anti-VISTA antibody MH5A (; blue line) to an ELISA plate coated with mouse VISTA-Fc fusion protein (Pr00164-1.9) at a concentration of 5ug/ml. A 3-fold serial dilution from 10000 to 1.7 ng/ml was performed using . For signal detection, a 1:4000 dilution of anti-rabbit IgG1 HRP (BioRad) antibody was used.



IF (Immunofluorescence)
Immunofluorescence staining of fixed mouse splenocytes with anti-PD-1H antibody MH5A
Immunofluorescence analysis of paraformaldehyde fixed mouse splenocytes permeabilized with 0.15% Triton and stained with the chimeric mouse IgG1 version of MH5A () at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom , DAPI, merged channels and an isotype control. The isotype control was stained with an anti-unknown specificity antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PD-1H antibody	Recombinant monoclonal antibody to PD-1H. Recombinant Platform with variable regions (i.e. specificity) from the hybridoma MH5A. The antibody was generated by immunising Armenian hamsters with mPD-1Hlg.
Product Categories/Family for anti-PD-1H antibody	Immunology; biomarkers; cell signalling; apoptosis; immuneoncology; costimulation
References	Flies D et al. Cutting Edge: A Monoclonal Antibody Specific for the Programmed Death-1 Homolog Prevents Graft-versus-Host Disease in Mouse Models J Immunol August 15, 2011, 187 (4) 1537-1541 Note on publication: Describes the generation of the antibody and characterisation of its therapeutic function in models of graft-versus-host disease.

NCBI AND UNIPROT INFORMATION

NCBI GI #	227330580
NCBI GeneID	74048
NCBI Accession #	NP_001153044.1
NCBI GenBank Nucleotide #	NM_001159572.1
UniProt Accession #	Q9D659; Q6KAT9; A3RLQ7; E9PUF5
Molecular Weight	33,559 Da
NCBI Official Full Name	platelet receptor Gi24 isoform 2
NCBI Official Synonym Full Names	V-set immunoregulatory receptor
NCBI Official Symbol	Vsir
NCBI Official Synonym Symbols	Dies1; PD-1H; VISTA; 4632428N05Rik
NCBI Protein Information	platelet receptor Gi24
UniProt Protein Name	V-type immunoglobulin domain-containing suppressor of T-cell activation
UniProt Gene Name	Vsir

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/pd-1h-antibody-clone-mh5a-immunohistochemistry-elisa/72099>