

Datasheet for ABIN7072463

Recombinant anti-VISTA antibody[Go to Product page](#)

Overview

Quantity:	200 µg
Target:	VISTA
Reactivity:	Mouse
Host:	Hamster
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This VISTA antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Blocking Reagent (BR)

Product Details

Purpose:	Anti-PD-1H [MH5A], Hamster (Armenian) IgG, lambda
Immunogen:	The antibody was generated by immunising Armenian hamsters with mPD-1HIg.
Clone:	MH5A
Isotype:	IgG lambda
Specificity:	This antibody specifically binds PD-1H.
Characteristics:	Original Species of Ab: Hamster, Armenian Original Format of Ab: IgG
Purification:	Protein A affinity purified

Target Details

Target:	VISTA
Alternative Name:	PD-1H (VISTA Products)
Background:	VISTA, VISR, B7-H5, B7H5, GI24, PP2135, SISP1, DD1alpha, C10orf54, chromosome 10 open reading frame 54, V-set immunoregulatory receptor
UniProt:	Q9D659
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	The antibody has been labelled with biotin and used to stain formalin-fixed tissues from wild-type C57BL/6 mice at 6 weeks of age. This showed specific staining for PD-1H in the T cell zone and marginal zone. The antibody stains P815 cells transfected with full-length PD-1H plasmid, but not control plasmid. Antibody specificity has been confirmed by ELISA. A single 200-µg dose of MH5A prevented aGVHD in mouse models, caused a reduction in accumulation and expansion of CD8+ and CD4+ T cells in spleens and livers and greatly reduced numbers of infiltrating T cells in all aGVHD target tissues examined. Few mAbs targeting a single cosignalling molecule have such a potent preventative effect (Flies D et al, 2011).
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.