

Datasheet for ABIN7072593

Recombinant anti-VISTA antibody



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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, Flow Cytometry (FACS), Blocking Peptide (BP)

Product Details

Purpose:	Anti-VISTA [13F3], Hamster (Armenian) IgG, lambda
Immunogen:	This antibody was raised by immunising Armenian hamsters with EL4 cells overexpressing VISTA-RFP, and VISTA-Ig fusion protein.
Clone:	13F3
Isotype:	IgG lambda
Specificity:	This antibody is specific for murine VISTA.
Characteristics:	Original Species of Ab: Hamster, Armenian Original Format of Ab: IgG
Purification:	Protein A affinity purified

Target Details

Target:	VISTA
Alternative Name:	VISTA (VISTA Products)
Background:	PD-1H, V-domain Ig suppressor of T cell activation, V-type immunoglobulin domain-containing suppressor of T-cell activation, Platelet receptor Gi24, V-set domain-containing immunoregulatory receptor, V-set immunoregulatory receptor, Vsir, Dies1
UniProt:	Q9D659
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	The specificity of this antibody has been confirmed in both ELISA and flow cytometry (Wang et al, 2011). This antibody has been used in flow cytometric analysis to assess VISTA expression in murine lupus models (Ceeraz et al, 2017, Sergent et al, 2018) and mice infected with HSV-1 (Srivastava et al, 2018). This antibody has been shown to block VISTA, and enhances T cell proliferation in vitro (Wang et al, 2011). In mice models, this antibody exacerbates experimental autoimmune encephalomyelitis (Wang et al, 2011) and murine arthritis and lupus disease progression (Sergent et al, 2018). The use of this antibody to achieve a VISTA blockade enhances anti-tumour immune responses in mice models of both transplantable and inducible melanoma, suppressing tumour growth (LeMercier et al, 2014).
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.