

Datasheet for ABIN6992259
anti-VISTA antibody (Extracellular Domain)



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Overview

Quantity:	0.1 mg
Target:	VISTA
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This VISTA antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	VISTA antibody was raised against the extracellular domain of human VISTA.
Clone:	9-00E04
Isotype:	IgG2b
Purification:	VISTA Antibody is supplied as protein A purified IgG2b

Target Details

Target:	VISTA
Alternative Name:	VISTA (VISTA Products)
Background:	VISTA Antibody: VISTA/B7-H5/platelet receptor Gi24 is a single-pass type I membrane protein

Target Details

	located at the cell surface. It is an immunoregulatory receptor which can inhibit T-cell response and may promote differentiation of embryonic stem cells, by inhibiting the BMP4 signaling pathway. The protein can be cleaved by MMP14, and stimulate MMP14-mediated MMP2 activation.
Molecular Weight:	Predicted: 31 kDa Observed: 47 kDa
Gene ID:	64115
NCBI Accession:	NP_071436
UniProt:	Q9H7M9
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	VISTA antibody can be used for immunohistochemistry starting at 2 µg/mL and immunocytochemistry starting at 1 µg/mL. For immunofluorescence start at 2 µg/mL. Flow cytometry at 10 µg/mL. Antibody validated: Immunohistochemistry in human samples, Immunocytochemistry in human samples, Immunofluorescence in human samples and Flow Cytometry in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	VISTA Antibody is supplied in PBS containing 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	VISTA antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.