

Datasheet for ABIN6992256
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, Western Blotting (WB), 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:	4C4
Isotype:	IgG1
Purification:	VISTA Antibody is supplied as protein A purified IgG1.

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 detection of VISTA by Western blot at 0.25 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2 µg/mL and immunocytochemistry starting at 1 µg/mL. For immunofluorescence start at 2 µg/mL. Antibody validated: Western Blot in human samples, 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.