

Rabbit anti-Human VISTA Polyclonal Antibody | anti-VISTA antibody

VISTA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40885	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot, ELISA

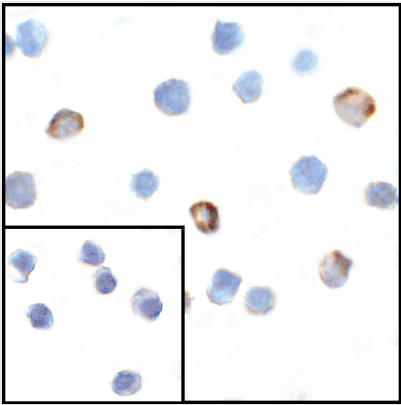
PRODUCT SYNONYMS

VISTA; Polyclonal Antibody; VISTA Antibody; VISTA molecule; VSIR; B7-H5; B7H5; GI24; PP2135; SISP1; DD1alpha; C10orf54; chromosome 10 open reading frame 54; PD-1H; V-set immunoregulatory receptor; V-Type Immunoglobulin Domain-Containing Suppressor Of T-Cell Activation; Chromosome 10 Open Reading Frame 54; anti-VISTA antibody

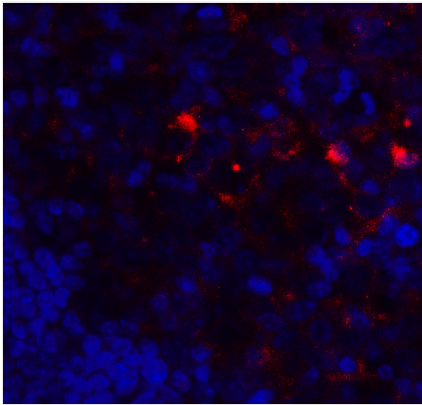
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity chromatography purified via peptide column.
Form/Format	Liquid Supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	311
Applicable Applications for anti-VISTA antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	The immunogen is located within the last 60 amino acids of VISTA.
Conjugate	Unconjugated
Homology	Predicted Species reactivity based on immunogen sequence: Mouse: (93%). VISTA antibody was raised against a peptide corresponding to 15 amino acids near the carboxy terminus of human VISTA.
Preparation and Storage	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.

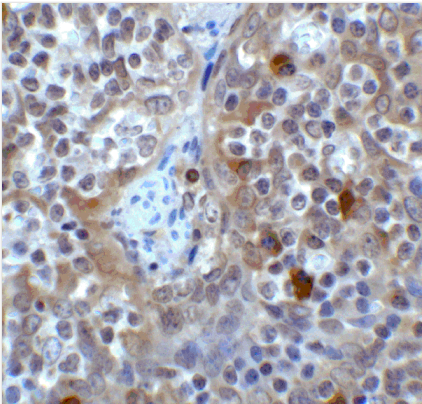
IMAGES



ICC (Immunocytochemistry)
Immunocytochemistry of VISTA in overexpressing HEK293 cells with VISTA antibody at 1 μg/ml.



IF (Immunofluorescence)
Immunofluorescence of VISTA in human tonsil tissue with B7-H5 antibody at 20 μg/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of VISTA in human tonsil tissue with B7-H5 antibody at 2 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-VISTA antibody	The lymphocyte activation gene-3 (LAG3) is a member of the immunoglobulin superfamily and binds MHC class II with high affinity (1), negatively regulating T-cell function and homeostasis (2). It is expressed in B, T, and NK cells, monocytes, and dendritic cells (3), and acts to regulate T cell expansion (4). LAG3 is also an important immune checkpoint protein, with anti-LAG3 antibodies activating T effector cells and affecting regulatory T cell functions. Furthermore LAG3 appears to act in a synergistic fashion with PD-1/PD-L1, suggesting that a dual antibody approach may prove useful in cancer immunotherapy (5).
Product Categories/Family for anti-VISTA antibody	Immunology
References	Mayya V., et al. Quantitative phosphoproteomic analysis of T cell receptor signaling reveals system-wide modulation of protein-protein interactions. 2009, Sci. Signal. 2:RA46-RA46. Sakr M.A., et al.,GI24 enhances tumor invasiveness by regulating cell surface membrane-type 1 matrix metalloproteinase. 2010, Cancer Sci. 101:2368-2374.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62339432
NCBI GeneID	64115
NCBI Accession #	NP_071436
NCBI GenBank Nucleotide #	NM_022153.1
UniProt Accession #	Q9H7M9; Q6UXF3; Q8WUG3; Q8WYZ8; A1L0X9; A4ZYV1; A8MVH5

NCBI Official Full Name	V-type immunoglobulin domain-containing suppressor of T-cell activation
NCBI Official Synonym Full Names	V-set immunoregulatory receptor
NCBI Official Symbol	VSIR
NCBI Official Synonym Symbols	B7H5; GI24; B7-H5; PD-1H; SISP1; VISTA; PP2135; C10orf54; DD1alpha
NCBI Protein Information	V-type immunoglobulin domain-containing suppressor of T-cell activation
UniProt Protein Name	V-type immunoglobulin domain-containing suppressor of T-cell activation
UniProt Gene Name	VSIR
UniProt Synonym Gene Names	Sisp-1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vista-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/40885>