

Anti-VISTA VSIR Antibody

Catalog Number: A32320

About VSIR

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).

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Overview

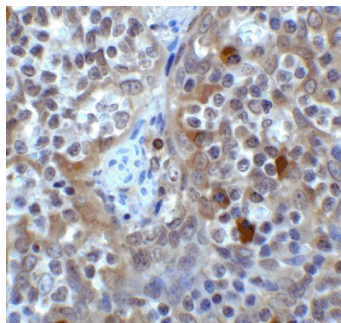
Product Name	Anti-VISTA VSIR Antibody
Reactive Species	Human
Description	Boster Bio Anti-VISTA VSIR Antibody (Catalog # A32320). Tested in ELISA, WB, IHC, ICC, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	VISTA Antibody is supplied in PBS containing $\leq 0.09\%$ sodium azide.
Storage Instructions	VISTA antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9H7M9

Technical Details

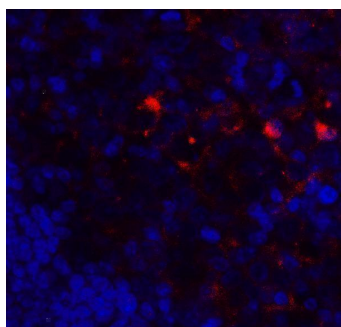
Immunogen	VISTA antibody was raised against a peptide corresponding to 15 amino acids near the carboxy terminus of human VISTA. The immunogen is located within the last 60 amino acids of VISTA.
Predicted Reactive Species	Mouse
Isotype	IgG

Form	Liquid
Concentration	1 mg/mL
Purification	VISTA Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	VISTA antibody can be used for Immunohistochemistry at 2 ug/mL. For Immunofluorescence start at 20 ug/mL. For Immunocytochemistry start at 1 ug/mL. Antibody validated: Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

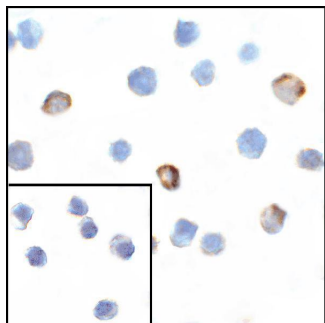
Anti-VISTA VSIR Antibody (A32320) Images



Immunohistochemistry of VISTA in human tonsil tissue with B7-H5 antibody at 2 ug/ml.



Immunofluorescence of VISTA in human tonsil tissue with B7-H5 antibody at 20 ug/ml.



Immunocytochemistry of VISTA in overexpressing HEK293 cells with VISTA antibody at 1 ug/ml.

Anti-VISTA VSIR Antibody

For Research Use Only. Not for use in diagnostic procedures.