

## Product Datasheet

### VSIR Antibody (orb1240293)

<b>Catalog Number</b>	orb1240293
<b>Category</b>	Antibodies
<b>Description</b>	VSIR Antibody
<b>Target</b>	VSIR
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1 mg/mL
<b>Buffer/Preservatives</b>	VISTA Antibody is supplied in PBS containing 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	VISTA Antibody is supplied as protein A purified IgG1.
<b>Immunogen</b>	VISTA antibody was raised against the extracellular domain of human VISTA.
<b>UniProt ID</b>	<b>Q9H7M9</b>
<b>MW</b>	Predicted: 31 kDa Observed: 47 kDa
<b>Tested applications</b>	ELISA, FC, ICC, IF, IHC-P

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

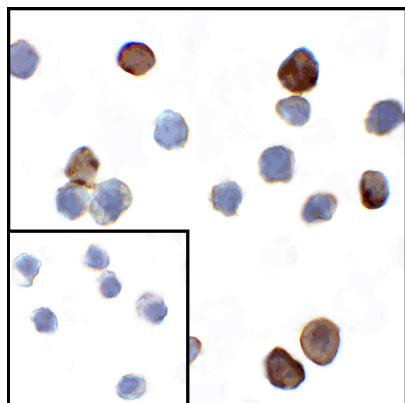
**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

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<b>Application notes</b>	VISTA antibody can be used for immunohistochemistry starting at 5 µg/mL and immunocytochemistry starting at 1 µg/mL. For immunofluorescence start at 5 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.
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	6D2
<b>Modifications</b>	None
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_071436</b>
<b>Expiration Date</b>	12 months from date of receipt.



Immunocytochemistry of VISTA in transfected HEK293 cells with VISTA antibody at 1 µg/mL. Lower left: Immunocytochemistry in transfected HEK293 cells with control mouse IgG antibody at 1 µg/mL.

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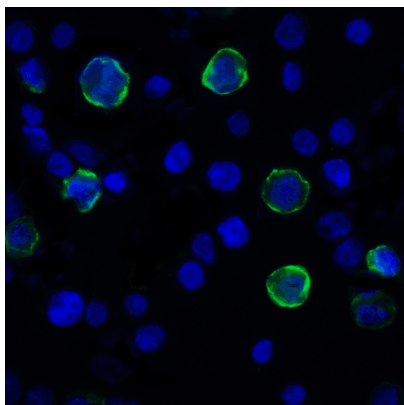
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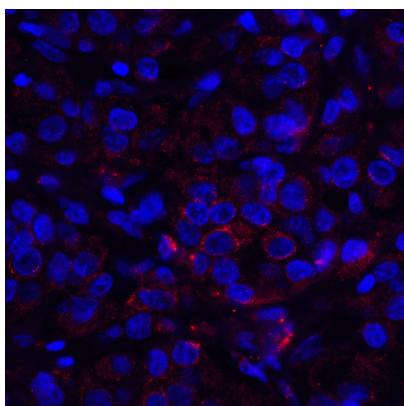
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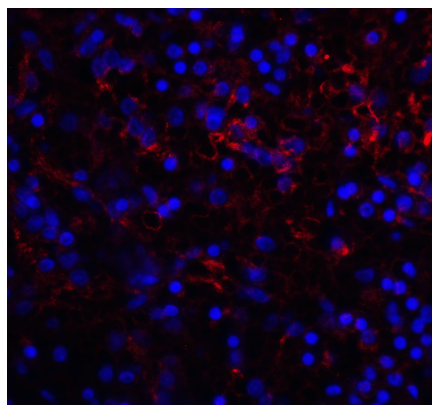
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Immunofluorescence of VISTA in transfected HEK293 cells with VISTA antibody at 2  $\mu\text{g}/\text{mL}$ . Green: VISTA Antibody [6D2] (orb1240293) Blue: DAPI staining



Immunofluorescence of VISTA in human lymphoma tissue with VISTA antibody at 10  $\mu\text{g}/\text{mL}$ . Red: VISTA Antibody [6D2] (orb1240293) Blue: DAPI staining



Immunofluorescence of VISTA in human spleen tissue with VISTA antibody at 10  $\mu\text{g}/\text{mL}$ . Red: VISTA Antibody [6D2] (orb1240293) Blue: DAPI staining

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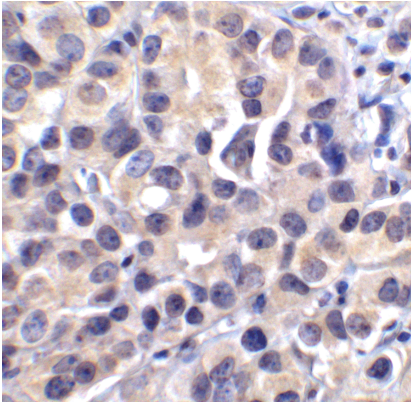
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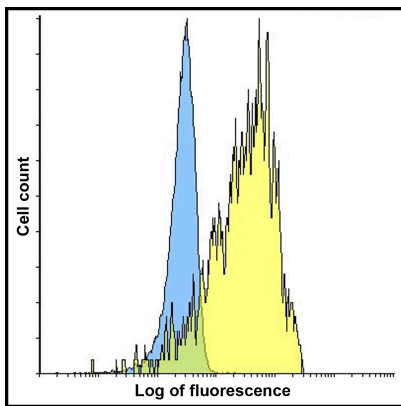
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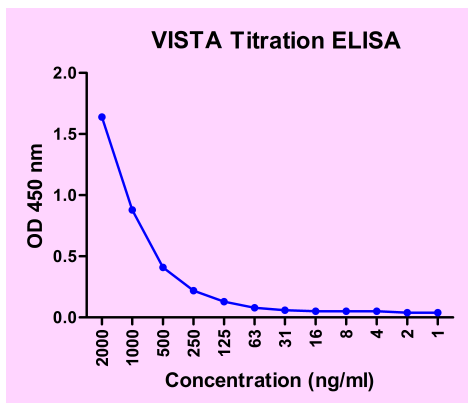
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Immunohistochemistry of VISTA in human lymphoma tissue with VISTA antibody at 2 µg/mL.



Flow cytometry analysis of VISTA overexpressing HEK293 cells using VISTA antibody and control mouse IgG antibody at 10 µg/ml. Blue: Untransfected HEK293 cells. Yellow: VISTA overexpressing HEK293 cells.



Titration curve analysis of VISTA antibody to detect recombinant VISTA in ELISA at decreasing concentrations.

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