

## Product Datasheet

### TIGIT Antibody (orb1274204)

<b>Catalog Number</b>	orb1274204
<b>Category</b>	Antibodies
<b>Description</b>	TIGIT Antibody
<b>Target</b>	TIGIT
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Camelus
<b>Isotype</b>	sdAb
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1 mg/mL
<b>Buffer/Preservatives</b>	TIGIT Antibody is supplied in PBS.
<b>Purification</b>	TIGIT Antibody is affinity chromatography purified via Nickel column. Antibody is supplied as a His-tagged purified protein. It also contains a myc-tag for detection.
<b>Immunogen</b>	TIGIT antibody was raised against a recombinant protein corresponding to amino acids 22-141 of human TIGIT.
<b>UniProt ID</b>	<b>Q495A1</b>
<b>Tested applications</b>	ELISA, FC, ICC, IF, IHC-P

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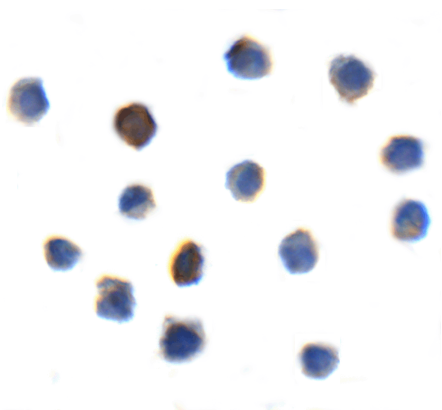
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<b>Application notes</b>	TIGIT antibody can be used for ELISA starting at 0.1 µg/mL immunohistochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/mL. For flow cytometry at 1 µg/ml. For immunocytochemistry at 10µg/mL.
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	2B5
<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>Dry Ice Shipping</b>	<b>Please note: This product requires shipment on dry ice. A dry ice surcharge will apply.</b>
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_776160</b>
<b>Expiration Date</b>	12 months from date of receipt.



Immunocytochemistry of TIGIT in transfected HEK293 cells with TIGIT single domain antibody at 10 µg/mL.

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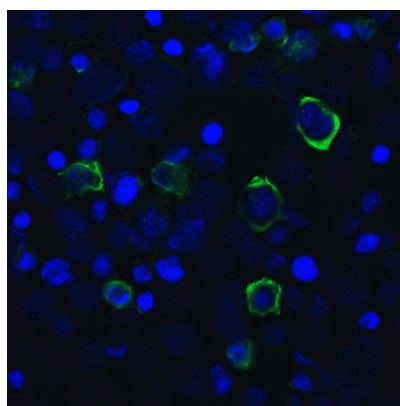
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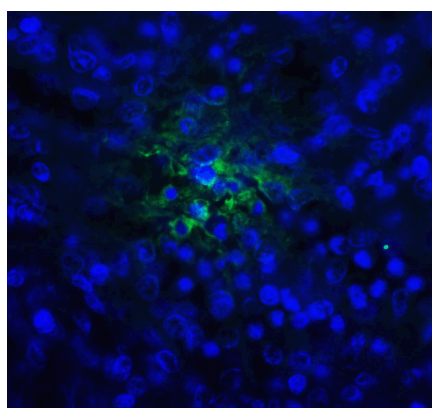
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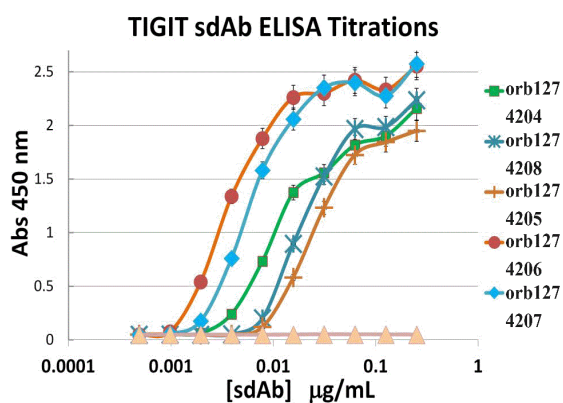
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Immunofluorescence of TIGIT in transfected HEK293 cells with TIGIT single domain antibody at 20 µg/mL.



Immunofluorescence of TIGIT in human spleen tissue with TIGIT single domain antibody at 20 µg/mL.



Titration ELISA analysis of TIGIT sdAbs to detect recombinant TIGIT (extracellular domain) coated at 1 µg/mL. sdAbs are detected with a mouse mAb against a C-terminal myc-tag followed by a goat anti-mouse IgG-HRP conjugate.

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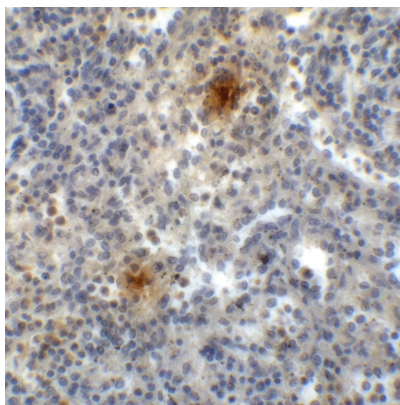
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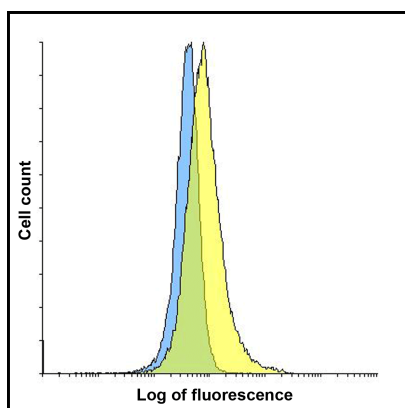
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Immunohistochemistry of TIGIT in human spleen tissue with TIGIT single domain antibody at 1 µg/mL.



Flow cytometry analysis of TIGIT overexpressing HEK293 cells using TIGIT single domain antibody and control 1H4 single domain antibody at 0.05 µg/ml. Blue: Untransfected HEK293 cells. Yellow: TIGIT overexpressing HEK293 cells.

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