

Product Datasheet

TIGIT Single Domain Antibody [2F7] (orb1274208)

Catalog Number	orb1274208
Description	TIGIT Single Domain Antibody [2F7]
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, FC, ICC, IF, IHC-P
Immunogen	TIGIT antibody was raised against a recombinant protein corresponding to amino acids 22-141 of human TIGIT.
Target	TIGIT
Preservatives	TIGIT Antibody is supplied in PBS.
Form/Appearance	Liquid
Concentration	1 mg/mL
Storage	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.
Note	For research use only
Application notes	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 10 µg/mL.
Isotype	sdAb
Clonality	Recombinant
Clone Number	2F7

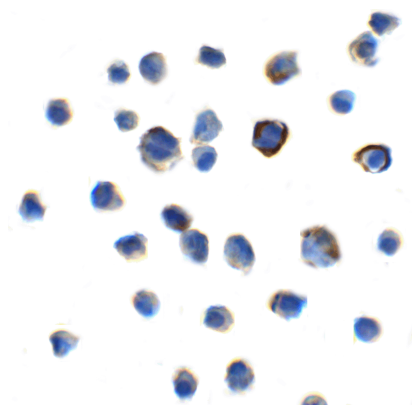
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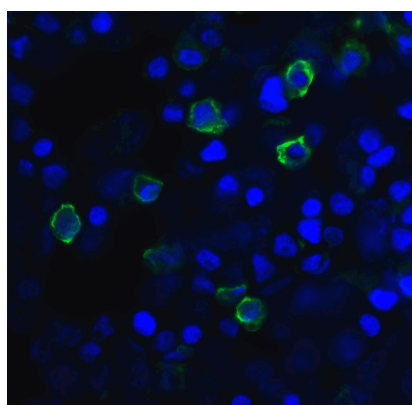
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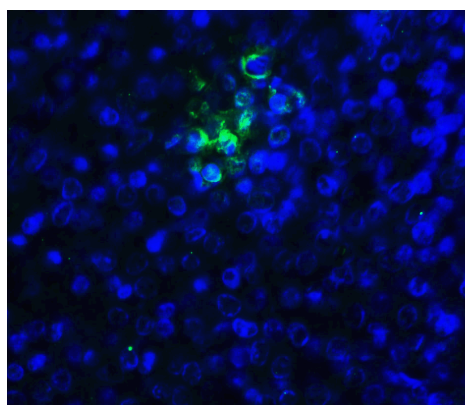
Antibody Type	Primary Antibody
Uniprot ID	Q495A1
NCBI	NP_776160
Expiration Date	12 months from date of receipt.



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



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.

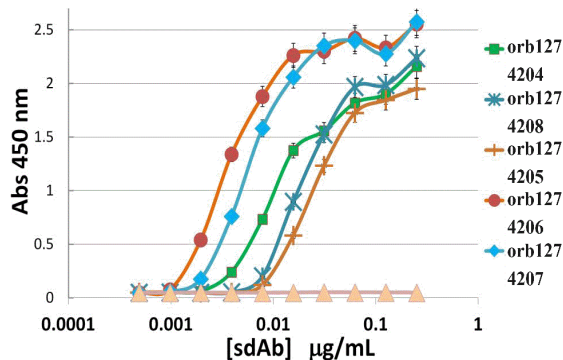
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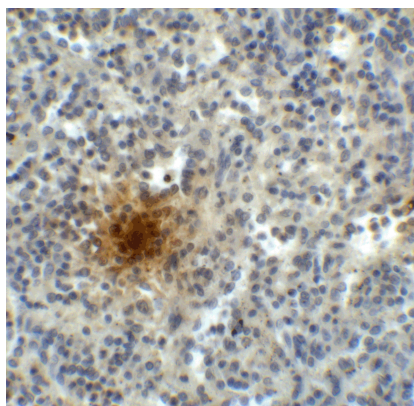
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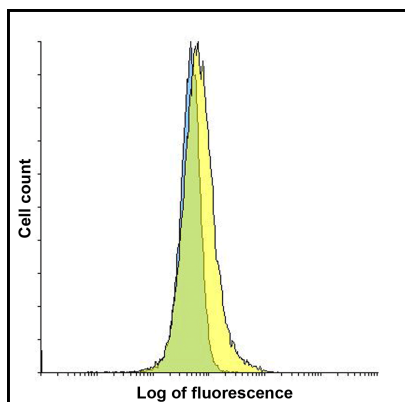
TIGIT sdAb ELISA Titrations



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.



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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