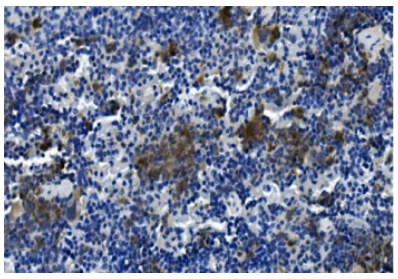
Tigit Antibody (RQ6213)

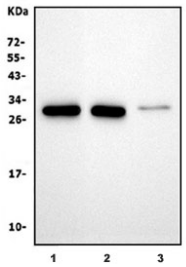
Catalog No.	Formulation	Size
RQ6213	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

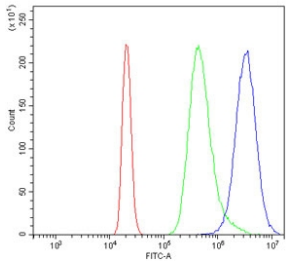
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.0125% sodium azide
UniProt	P86176
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Tigit antibody is available for research use only.



IHC staining of FFPE mouse spleen with Tigit antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) rat spleen, 2) rat plasma and 3) mouse spleen lysate with Tigit antibody. Predicted molecular weight ~26 kDa.



Flow cytometry testing of mouse RAW264.7 cells with Tigit antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Tigit antibody.

Description

TIGIT (also called T cell immunoreceptor with Ig and ITIM domains) is an immune receptor present on some T cells and Natural Killer Cells (NK). This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity; this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses.

Application Notes

Optimal dilution of the Tigit antibody should be determined by the researcher.

Immunogen

A mouse recombinant partial protein (amino acids T29-G249) was used as the immunogen for the Tigit antibody.

Storage

After reconstitution, the Tigit antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com