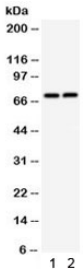
TNFRSF1B Antibody / TNFR2 (R32033)

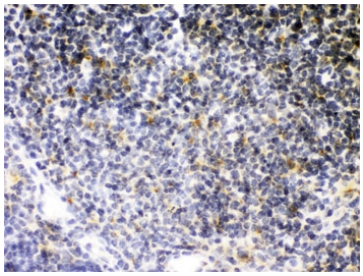
Catalog No.	Formulation	Size
R32033	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

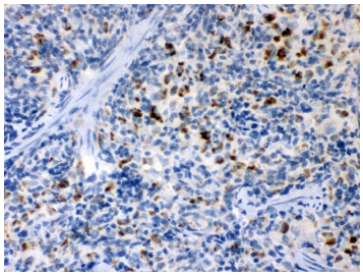
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P25119
Localization	Cytoplasmic, membrane
Applications	Western blot: 0.1-0.5ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This TNFRSF1B antibody is available for research use only.



Western blot testing of 1) rat thymus and 2) mouse thymus lysate with TNFRSF1B antibody. Predicted molecular weight: 50/70~80 kDa (unmodified/glycosylated).



IHC testing of FFPE mouse thymus with TNFRSF1B antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



IHC testing of FFPE rat spleen with TNFRSF1B antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.

Description

Tumor necrosis factor receptor 2 (TNFR2) is one of receptors of TNF. TNF has proinflammatory and immunosuppressive properties that may segregate at the level of the 2 TNF receptors (TNFRs), TNFR1 and TNFR2. The genes for TNFR1, a 55-kDa protein, and TNFR2, a 70-kDa protein, have been mapped to human chromosomes 12 (12pter-cen) and 1 (1pter-p32), respectively. TNFR2 was induced on glomerular endothelial cells of nephritic kidneys, and TNFR2 expression on intrinsic cells, but not leukocytes, was essential for glomerulonephritis and glomerular complement deposition. TNFR1 promotes systemic immune responses and renal T cell death, while intrinsic cell TNFR2 plays a critical role in complement-dependent tissue injury. Therefore, therapeutic blockade specifically of TNFR2 may be a promising strategy in the treatment of immune-mediated glomerulonephritis.

Application Notes

Optimal dilution of the TNFRSF1B antibody should be determined by the researcher.

Immunogen

Amino acids QRDAKVPHVPDEKSQDAVGLEQQHLLTTA of mouse TNF Receptor II were used as the immunogen for the TNFRSF1B antibody.

Storage

After reconstitution, the TNFRSF1B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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