

Anti-sTNFsR II Antibody
Catalog # ABO11282**Specification**

Anti-sTNFsR II Antibody - Product Information

Application	WB
Primary Accession	P25119
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Tumor necrosis factor receptor superfamily member 1B (TNFRSF1B) detection. Tested with WB in Mouse; Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-sTNFsR II Antibody - Additional Information

Gene ID 21938

Other Names

Tumor necrosis factor receptor superfamily member 1B, Tumor necrosis factor receptor 2, TNF-R2, Tumor necrosis factor receptor type II, TNF-RII, TNFR-II, p75, p80 TNF-alpha receptor, CD120b, Tnfrsf1b, Tnfr-2, Tnfr2

Calculated MW

50320 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Mouse, Rat

Subcellular Localization

Membrane; Single-pass type I membrane protein.

Protein Name

Tumor necrosis factor receptor superfamily member 1B

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminus of mouse TNF Receptor II (38-55aa YECQISQEYYDRKAQMCC), different from the related rat sequence by three amino acids.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-sTNFsR II Antibody - Protein Information

Name Tnfrsf1b

Synonyms Tnfr-2, Tnfr2

Function

Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2 (By similarity).

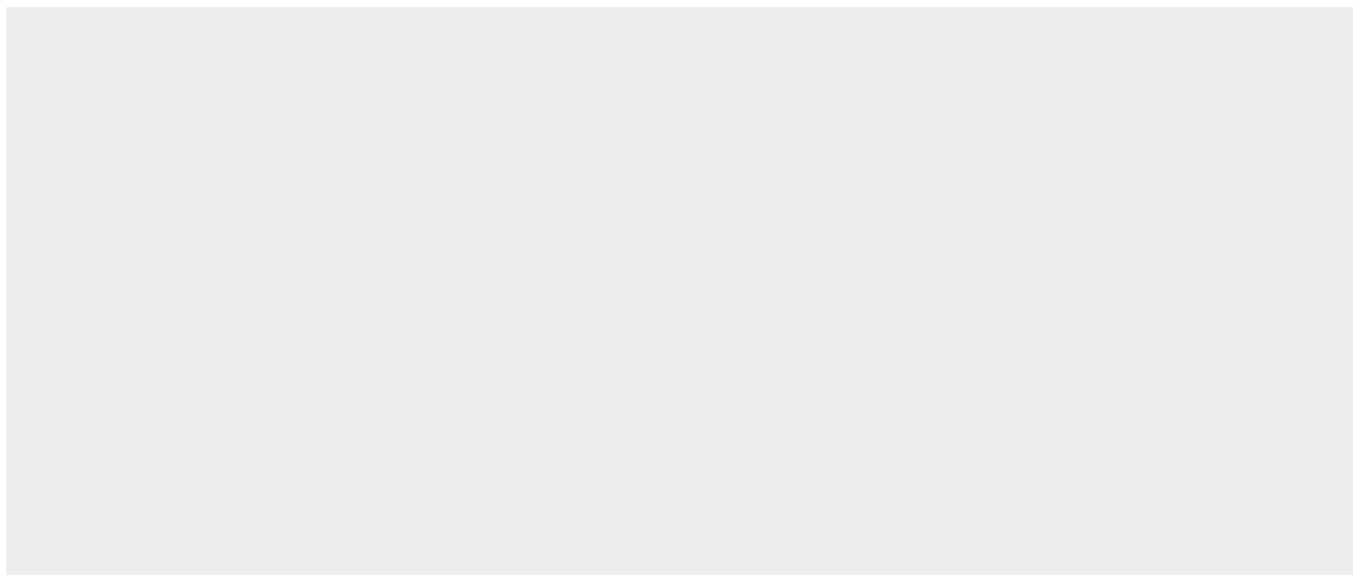
Cellular Location

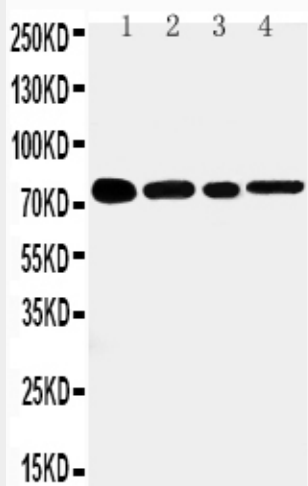
Membrane; Single-pass type I membrane protein.

Anti-sTNFsR II Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-sTNFsR II Antibody - Images



Anti-TNF Receptor II antibody, ABO11282, Western blotting
Lane 1: Rat Spleen Tissue Lysate
Lane 2: Rat Brain Tissue Lysate
Lane 3: Mouse Brain Tissue Lysate
Lane 4: HEPA Cell Lysate

Anti-sTNFsR II Antibody - Background

TNFRSF1B (Tumor Necrosis Factor Receptor Subfamily Member 1B), also known as TNFR2 or TNFBR, is a protein that in humans is encoded by the TNFRSF1B gene. The protein encoded by this gene is a member of the Tumor necrosis factor receptor superfamily, which also contains TNFRSF1A. By linkage analysis, Santee and Owen Schaub (1996) confirmed the mapping of the TNFR2 gene to 1p36.3-p36.2. TNFBR (TNFR75) is the larger of the 2 TNF receptors. It is present on many cell types, especially those of myeloid origin, and is strongly expressed on stimulated T and B lymphocytes. Beltinger et al. (1996) noted that TNFR2 is the main TNF receptor found on circulating T cells and is the major mediator of autoregulatory apoptosis in CD8+ cells. TNFR2 may act with TNFR1 to kill nonlymphoid cells.