

Anti-sTNFsR II Antibody

Catalog # ABO11282

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.

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
Application Details	Western blot, 0.1-0.5 µg/ml, Mouse, Rat
Subcellular Localization	Membrane; Single-pass type I membrane protein.
Source	Eukaryota
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.

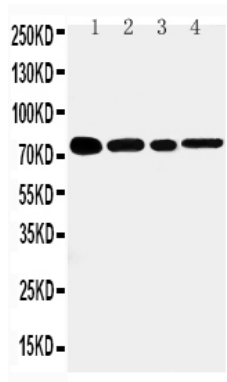
Protein Information

Name	Tnfrsf1b
Synonyms	Tnfr-2, Tnfr2
Function	Receptor with high affinity for TNFSF2/TNF 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.

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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.