Product datasheet

Anti-TNFR1/TNFRSF1A Antibody

Catalog Number: *A00294-4*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-TNFR1/TNFRSF1A Antibody
Gene Name	TNFRSF1A
Source	Rabbit
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, FCM, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	E.coli-derived human TNF Receptor I/TNFRSF1A recombinant protein (Position: N336-A440).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	55-60KD
Dilution Ratios	Western blot(WB): 1:500-2000 (ELISA): 1:100-1000 Flow Cytometry (FCM):1-3 µg/1x10^6 cells

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

Tumor necrosis factor receptor superfamily member 1A (TNFRSF1A), also known as TNFR1, is a protein that in humans is encoded by the TNFRSF1A gene. The protein encoded by this gene is a member of the Tumor necrosis factor receptor superfamily, which also contains TNFRSF1B. The TNFR1 gene is mapped to 12pter-cen. It encodes a protein of 455 amino acids. And this receptor can activate the transcription factor NF-κB, mediate apoptosis, and function as a regulator of inflammation.

Selected Validation Data

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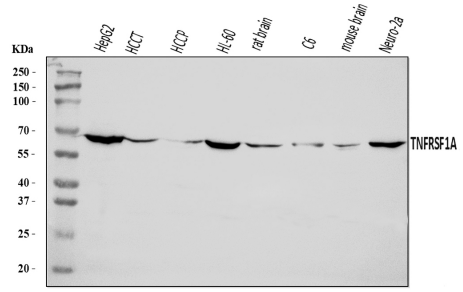

Figure 1. Western blot analysis of anti- TNF Receptor I/TNFRSF1A Antibody (A00294-4). The sample well of each lane was loaded with 50ug of sample under reducing conditions.
Lane 1: HepG2 whole cell lysates,
Lane 2: HCCT whole cell lysates,
Lane 3: HCCP whole cell lysates,
Lane 4: HL-60 whole cell lysates,
Lane 5: rat brain tissue lysates,
Lane 6: C6 whole cell lysates,
Lane 7: mouse brain tissue lysates,
Lane 8: Neuro-2a whole cell lysates.
Use rabbit anti- TNFRSF1A 1:1000, probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002). A specific band was detected for TNFRSF1A at approximately 60-70KD. The expected band size for TNFRSF1A is at 50KD.

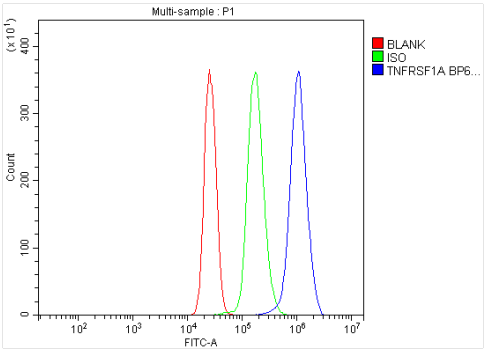

Figure 2. Flow cytometry analysis of U937 cell (1x106) DyLight 488 conjugated goat anti- rabbit IgG(blue) was used as secondary antibody.Isotype control antibody (Green line) was rabbit IgG DyLight 488. Unlabelled sample (Red line).