

TNF-R1 Antibody
Catalog # ASM10426

Specification

TNF-R1 Antibody - Product Information

Application	WB, IHC, IP, ICC
Primary Accession	P19438
Other Accession	P19438
Host	Rabbit
Reactivity	Human, Mouse, Rat, Rabbit, Monkey, Bovine, Dog
Clonality	Polyclonal
Format	ATTO 488

Description

Rabbit Anti-Mouse TNF-R1 Polyclonal

Target/Specificity

Detects ~55kDa.

Other Names

Tumor necrosis factor receptor 1 Antibody, TNFR-1 Antibody, TNFRSF1A Antibody, TNFAR Antibody, TNFR1 Antibody

Immunogen

Peptide corresponding to AA 20-43 of the mouse TNF-R1 sequence, identical to rat and human over those residues

Purification

Peptide Affinity Purified

Storage **-20°C**

Storage Buffer

PBS pH7.4, 50% glycerol, 0.09% sodium azide

Shipping Temperature

Blue Ice or 4°C

Certificate of Analysis

1 µg/ml of SPC-170 was sufficient for detection of TNFR1 in 20 µg of Hela lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.

Cellular Localization

Cell Membrane | Golgi Apparatus | Golgi Apparatus Membrane

TNF-R1 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](#)

TNF-R1 Antibody - Images

TNF-R1 Antibody - Background

The Tumor Necrosis Factor Receptor (TNFR) also known as Cluster of differentiation (CD120) is a protein that belongs to the (TNF)/ (TNFR) superfamily. TNF interacts with two distinct receptors TNFR1 and TNFR2. These receptors share no homology on their cytoplasmic sequences(1,3).TNFR1 also known as p55/p60 is a high affinity receptor for TNF- α . The TNFR1 has an extracellular domain with variable numbers of cysteine-rich repeats. The functional properties of TNFR1 are targets in new therapies for osteoporosis, chronic inflammatory and autoimmune diseases (1, 2). The TNF- α /TNFR1 receptor complex is responsible for the recruitment and the subsequent activation of the caspase (aspartate-specific cysteine proteases) that regulate apoptosis.

TNF-R1 Antibody - References

1. Kontermann R.E., et al. (2008) J Immunother. 31(3):225-34.
2. Hehlgans T. and Pfeffer K. (2005) Immunology. 115(1):1-20.
3. Al-Lamki S., et al. (2005) The FASEB Journal. 19:1638-1645.