



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Anti-TNF-R1 Antibody

Rabbit Anti-Mouse TNF-R1 Polyclonal  
Catalog No. SPC-170



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

TNF-R1 Antibody

### Description

Rabbit Anti-Mouse TNF-R1 Polyclonal

### Species Reactivity

Dog, Human, Monkey, Mouse, Rat, Bovine, Rabbit

### Applications

WB, IHC, ICC/IF, IP

### Antibody Dilution

WB (1:1000), IHC (1:100), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.

### Host Species

Rabbit

### Immunogen Species

Mouse

### Immunogen

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

### Concentration

1 mg/ml

### Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

## Properties

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### Storage Buffer

PBS pH 7.4, 50% glycerol, 0.09% sodium azide

### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

### Purification

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Peptide Affinity Purified

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### Clonality

Polyclonal

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### Specificity

Detects ~55kDa.

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### Cite This Product

Rabbit Anti-Mouse TNFR1 Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-170)

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### 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.

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## Biological Description

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### Alternative Names

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

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### Research Areas

Cancer, Apoptosis, Atherosclerosis, Cardiovascular System, Cell Signaling

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### Cellular Localization

Cell membrane, Golgi apparatus, Golgi Apparatus Membrane

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### Accession Number

P19438

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### Gene ID

9606

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### Swiss Prot

P19438

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### Scientific 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.

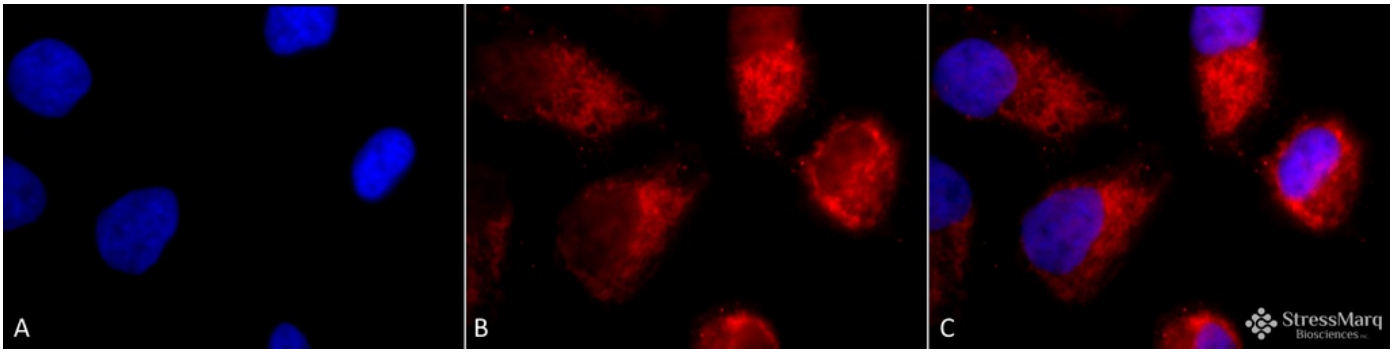
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### References

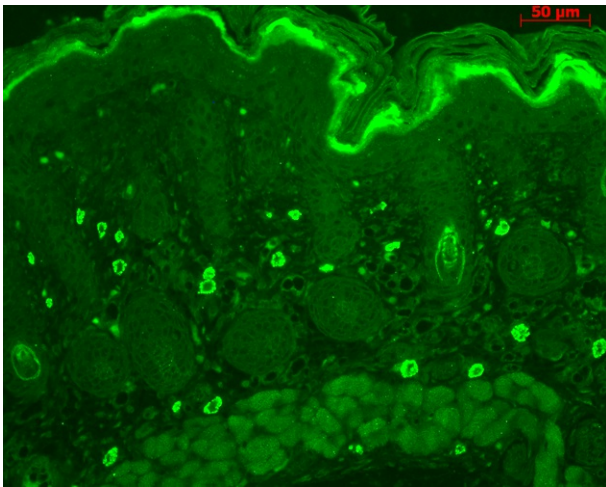
1. Kontermann R.E., et al. (2008) J Immunother. 31(3):225-34.
  2. Hehlhans T. and Pfeffer K. (2005) Immunology. 115(1):1-20.
  3. Al-Lamki S., et al. (2005) The FASEB Journal. 19:1638-1645.
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## Product Images

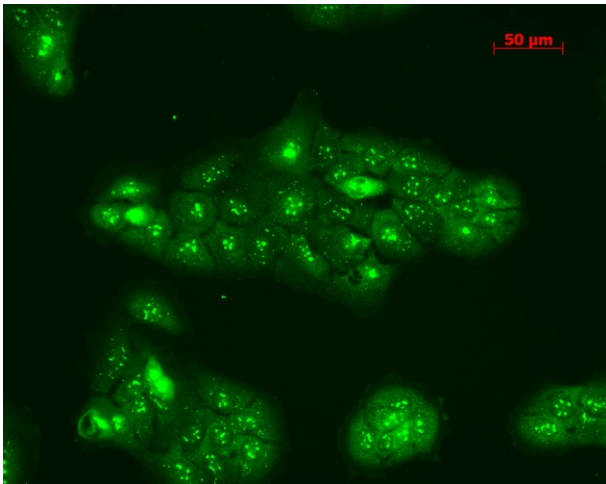
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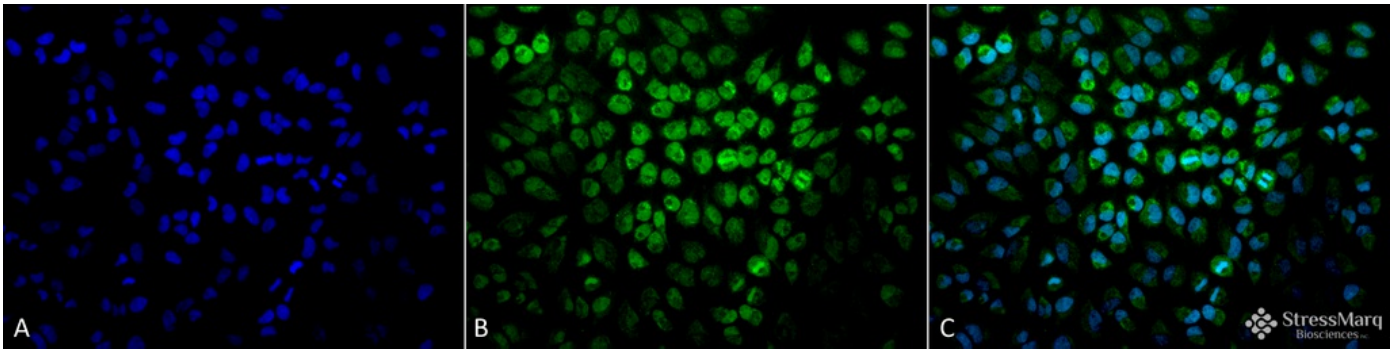
Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170). Tissue: HeLa Cells. Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170) at 1:100 for 12 hours at 4°C. Secondary Antibody: APC Goat Anti-Rabbit (red) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Golgi apparatus membrane. Magnification: 100x. (A) DAPI (blue) nuclear stain. (B) Anti-TNF-R1 Antibody. (C) Composite.



Immunohistochemistry analysis using Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170). Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative Solution. Primary Antibody: Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170) at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Rabbit (green) at 1:50 for 1 hour at RT. Localization: dermis.



Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170). Tissue: HaCaT cells. Species: Human. Fixation: Cold 100% methanol at -20C for 10 minutes. Primary Antibody: Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170) at 1:100 for 12 hours at 4°C. Secondary Antibody: FITC Goat Anti-Rabbit at 1:50 for 1-2 hours at RT in dark. Localization: Punctate nuclear staining, dotted staining in cytoplasm.



Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170). Tissue: HeLa Cells. Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-TNF-R1 Polyclonal Antibody (SPC-170) at 1:100 for 12 hours at 4°C. Secondary Antibody: FITC Goat Anti-Rabbit (green) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Golgi apparatus membrane. Magnification: 20x. (A) DAPI (blue) nuclear stain. (B) Anti-TNF-R1 Antibody. (C) Composite.

## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.