



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## TNF (Human) Matched Antibody Pair

Catalog # : H00007124-AP41

規格 : [ 1 Set ]

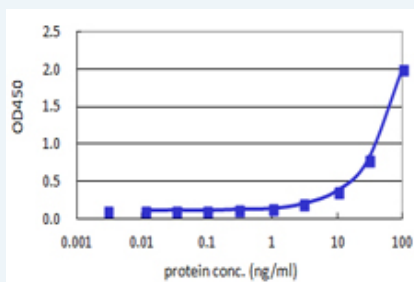
[List All](#)

### Specification

**Product Description:** This antibody pair set comes with matched antibody pair to detect and quantify protein level of human TNF.

**Reactivity:** Human

**Quality Control Testing:** Standard curve using recombinant protein ( H00007124-P01 ) as an analyte.



Sandwich ELISA detection sensitivity ranging from 30 ng/ml to 100 ng/ml.

**Supplied Product:** Antibody pair set content:  
 1. Capture antibody: mouse monoclonal anti-TNF, IgG1 Kappa (100 ug)  
 2. Detection antibody: biotinylated mouse monoclonal anti-TNF, IgG1 Kappa (50 ug)  
 \*Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

**Storage Instruction:** Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

**MSDS:**  [Download](#)

### Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [7124](#)

**Gene Name:** TNF

**Gene Alias:** DIF, TNF-alpha, TNFA, TNFSF2

**Gene Description:** tumor necrosis factor (TNF superfamily, member 2)

**Omim ID:** [157300](#), [191160](#), [248310](#), [600807](#), [611162](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine. [provided by RefSeq]

**Other Designations:** APC1 protein, OTTHUMP00000029281, OTTHUMP00000037669, TNF superfamily, member 2, TNF, macrophage-derived, TNF, monocyte-derived, cachectin, tumor necrosis factor alpha

### Gene Pathway

[Adipocytokine signaling pathway](#) [Allograft rejection](#) [Alzheimer's disease](#)  
[Amyotrophic lateral sclerosis \(ALS\)](#) [Apoptosis](#) [Asthma](#)  
[Cytokine-cytokine receptor interaction](#) [Fc epsilon RI signaling pathway](#)  
[Graft-versus-host disease](#) [Hematopoietic cell lineage](#) [Hypertrophic cardiomyopathy \(HCM\)](#)  
[MAPK signaling pathway](#) [Natural killer cell mediated cytotoxicity](#)  
[Systemic lupus erythematosus](#) [T cell receptor signaling pathway](#)  
[TGF-beta signaling pathway](#) [Toll-like receptor signaling pathway](#) [Type I diabetes mellitus](#)  
[Type II diabetes mellitus](#)

### Related Disease

[Abortion, Habitual](#) [Abortion, Spontaneous](#) [Abscess](#) [Absenteeism](#) [Acne Vulgaris](#)  
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