Datasheet for ABIN7565778

anti-TNFRSF1A antibody

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Overview

Quantity:	25 µL
Target:	TNFRSF1A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFRSF1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

Product Details

Purpose:	TNF p55 Receptor Antibody
Immunogen:	Immunogen: The whole rabbit serum used to produce this IgG fraction antibody was prepared by repeated immunizations with recombinant human sTNFRp55 expressed in Chinese Hamster Cells. Immunogen Type: Recombinant Protein
Cross-Reactivity (Details):	This antibody is directed against the extracellular domain of the cell bound human TNFRp55.
Characteristics:	Synonyms: rabbit anti-TNFp55 Receptor Antibody, TBP1 antibody, TNFR1 antibody, TNFR55 antibody, TNFRSF1A antibody, Tumor necrosis factor alpha receptor antibody, Tumor necrosis factor receptor superfamily member 1A, Tumor necrosis factor receptor 1, TNF-R1, Tumor necrosis factor receptor type I, TNF-RI, TNFR-I, p55, p60, CD120a, Tumor necrosis factor receptor superfamily member 1A membrane form, Tumor necrosis factor-binding protein 1, TBPI , TNFRSF1A, TNFAR, TNFR1

Product Details

Purification:	Anti-Human TNF p55 Receptor Antibody is an IgG preparation of whole rabbit serum purified by Protein G chromatography.
Sterility:	Sterile filtered

Target Details

Target:	TNFRSF1A
Alternative Name:	TNFRSF1A (TNFRSF1A Products)
Background:	Background: Human TNF p55 Receptor Antibody recognizes TNFR1, the p55 soluble TNFR protein. sTNFRp55 is one of the two transmembrane receptors for tumor necrosis factor (TNF) with different molecular weight, 55 kD (p55) and 75 kD (p75), have been identified. The extracellular part of both receptors are shedded by proteolytic cleavage and exist as soluble receptors which bind to TNF in plasma and other biological fluids. sTNFR proteins have been implicated in certain leukemias. Anti-sTNFRp55 antibody is suitable for researchers in Cancer, Immunology, and Cell Biology.
Gene ID:	7132
UniProt:	P19438
Pathways:	NF-kappaB Signaling, Apoptosis, Caspase Cascade in Apoptosis, Hepatitis C, Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Application Note: Anti-TNF p55 Receptor (sTNFRp55) antibody has been tested for use in ELISA, radioimmunoassays, immunoblotting, flow cytometry and immunoprecipitation. Reactivity in other immunoassays is unknown. This product has been assayed for the ability to immunoprecipitate antigen and a dilution range of 1:400 to 1:800 is suggested. For immunoprecipitation, pre-clearing with a non-specific rabbit IgG is helpful to reduce background. This product has been assayed by immunoblot and a working dilution range of 1:200 to 1:400 is suggested for this application. This product has been assayed by ELISA against soluble (extracellular) sTNFRp55 at a dilution range of 1:2,000 to 1:8,000. For use in ELISA formats, this antibody is best used as the second antibody in combination with a monoclonal antibody as a capture antibody. This product has been assayed by radioimmunoassay against antigen. A dilution of 1:8,000 is suggested for this immunoassay. Western Blot Dilution: 1:500 - 1:2,000 ELISA Dilution: 1:1,000 - 1:5,000 Other: User Optimized

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Expiry Date:	12 months