Product Datasheet

TNFRSF1B Antibody

Catalog No: #32155

Package Size: #32155-1 50ul #32155-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

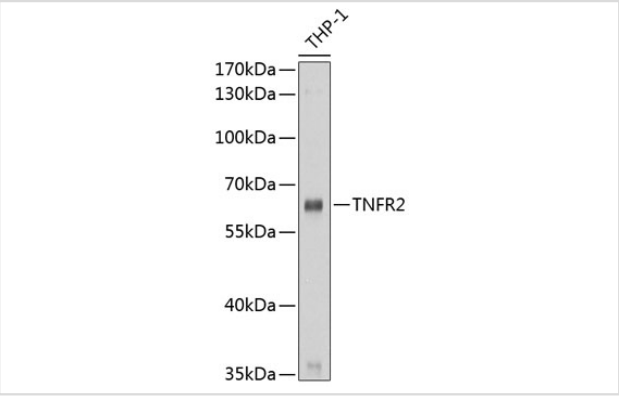
Description

Product Name	TNFRSF1B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total TNFRSF1B protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TNFRSF1B.
Target Name	TNFRSF1B
Other Names	TNFRSF1B; CD120b; TBPII; TNF-R-II; TNF-R75
Accession No.	Swiss-Prot:P20333NCBI Gene ID:7133
Uniprot	P20333
GeneID	7133;
SDS-PAGE MW	48KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB□1:500 - 1:2000

Images



Western blot analysis of extracts of THP-1 cells, using TNFRSF1B at 1:1000 dilution.

Background

TNF-α is an important cytokine produced by numerous cell types including neutrophils, activated lymphoctyes, macrophages an NK cells. It plays a critical role in inflammatory responses and in apoptosis (1). TNF-α exists as a membrane-anchored and soluble form, both of which show biological activity. Response to TNF-α is mediated through two receptors, TNF-R1, which is widely expressed, and TNF-R2, which is expressed mainly in immune and endothelial cells (2). Antagonists to TNF-α have been validated as therapeutic targets for rheumatoid arthritis and other immune disorders (3).

The two receptors for TNF-α, TNF-R1 (55 kDa) and TNF-R2 (75 kDa) can mediate distinct cellular responses (4,5). In most cases cytotoxicity elicited by TNF has been reported to act throught TNF-R1 (6,7). In contrast, TNF-R2 appears to be important in T cell signaling and responses to infection (7,8). TNF-R2 binds to distinct members of the TRAF family leading to the activation of NF-κB (9,10). Soluble forms of both receptors have also been characterized which can bind TNF-α and may play an important role in immune disorders (11,12).

Note: This product is for in vitro research use only