Product Datasheet

TNFRSF10C Antibody

Catalog No: #32175

Package Size: #32175-1 50ul #32175-2 100ul

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

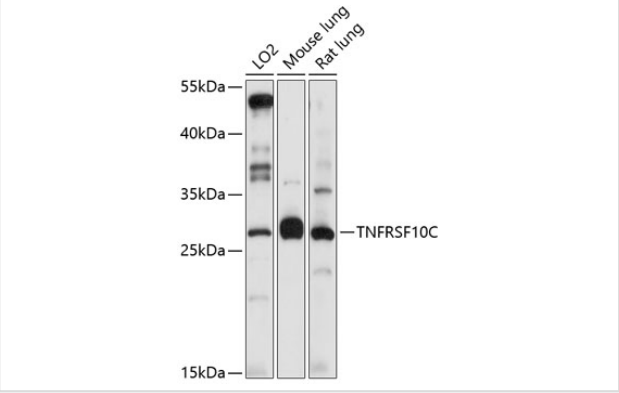
Description

Product Name	TNFRSF10C 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 TNFRSF10C protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TNFRSF10C.
Target Name	TNFRSF10C
Other Names	LIT; DCR1; TRID; CD263; TRAILR3
Accession No.	Swiss-Prot:O14798NCBI Gene ID:8794
Uniprot	O14798
GeneID	8794;
SDS-PAGE MW	27KD
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 various cell lines, using TNFRSF10C at 1:3000 dilution.

Background

The tumor necrosis factor receptor family, which includes TNF-RI, Fas, DR3, DR4, DR5, and DR6, plays an important role in the regulation of apoptosis in various physiological systems (1,2). The receptors are activated by a family of cytokines that include TNF, FasL, and TRAIL. They are characterized by a highly conserved extracellular region containing cysteine-rich repeats and a conserved intracellular region of about 80 amino acids termed the death domain (DD). The DD is important for transducing the death signal by recruiting other DD containing adaptor proteins (FADD, TRADD, RIP) to the death-inducing signaling complex (DISC), resulting in activation of caspases.

Death receptor signaling is also controlled by a family of decoy receptors (DcR1, DcR2 and DcR3) which lack a cytoplasmic DD and inhibit death receptor-mediated apoptosis by competing for ligand (3-5). Expression of decoy receptors provide a mechanism for certain types of cancer to regulate apoptosis and can contribute to chemosensitivity (6-8).

Note: This product is for in vitro research use only