

TNFRSF10B Rabbit mAb

Catalog # AP77688

Product Information

Application	WB, FC, IP
Primary Accession	O14763
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human DR5
Purification	Affinity Chromatography
Calculated MW	47878

Additional Information

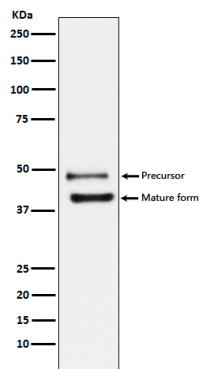
Gene ID	8795
Other Names	TNFRSF10B
Dilution	WB~~1/500-1/1000 FC~~1:10~50 IP~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	TNFRSF10B
Synonyms	DR5, KILLER, TRAILR2, TRICK2, ZTNFR9
Function	Receptor for the cytotoxic ligand TNFSF10/TRAIL (PubMed: 10549288). The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B. Essential for ER stress-induced apoptosis.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Widely expressed in adult and fetal tissues; very highly expressed in tumor cell lines such as HeLaS3, K-562, HL-60, SW480, A-549 and G-361; highly expressed in heart, peripheral blood lymphocytes, liver, pancreas, spleen,

thymus, prostate, ovary, uterus, placenta, testis, esophagus, stomach and throughout the intestinal tract; not detectable in brain

Images



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