

DR5 Antibody

Rabbit mAb Catalog # AP91307

Product Information

Application WB, FC, IP
Primary Accession O14763
Reactivity Human
Clonality Monoclonal

Other Names Death receptor 5; TRAIL receptor 2; TRAIL-R2; CD262; TNFRSF10B; DR5;

KILLER; TRAILR2; TRICK2; ZTNFR9;

IsotypeRabbit IgGHostRabbitCalculated MW47878

Additional Information

Dilution WB 1:1000~1:5000 IP 1:30 FC 1:100

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human DR5

Description Plays an important role in the regulation of apoptosis in various physiological

systems. Promotes the activation of NF-kappa-B. Essential for ER

stress-induced apoptosis.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

Protein Information

Name TNFRSF10B

Synonyms DR5, KILLER, TRAILR2, TRICK2, ZTNFR9

Function Receptor for the cytotoxic ligand TNFSF10/TRAIL (PubMed: 10549288). The

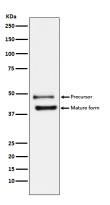
adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of 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

Images



Western blot analysis of DR5 expression in HeLa cell lysate.

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