

TNFRSF10B / Killer / DR5 Antibody (aa380-398)
Rabbit Polyclonal Antibody
Catalog # ALS13820**Specification**

TNFRSF10B / Killer / DR5 Antibody (aa380-398) - Product Information

Application	IHC
Primary Accession	O14763
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa

TNFRSF10B / Killer / DR5 Antibody (aa380-398) - Additional Information**Gene ID** 8795**Other Names**

Tumor necrosis factor receptor superfamily member 10B, Death receptor 5, TNF-related apoptosis-inducing ligand receptor 2, TRAIL receptor 2, TRAIL-R2, CD262, TNFRSF10B, DR5, KILLER, TRAILR2, TRICK2, ZTNFR9

Target/Specificity

Residues 380-398 (LGERLAKQKIEDHLLSSGK) of the human TRICK2 protein

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

TNFRSF10B / Killer / DR5 Antibody (aa380-398) is for research use only and not for use in diagnostic or therapeutic procedures.

TNFRSF10B / Killer / DR5 Antibody (aa380-398) - 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.

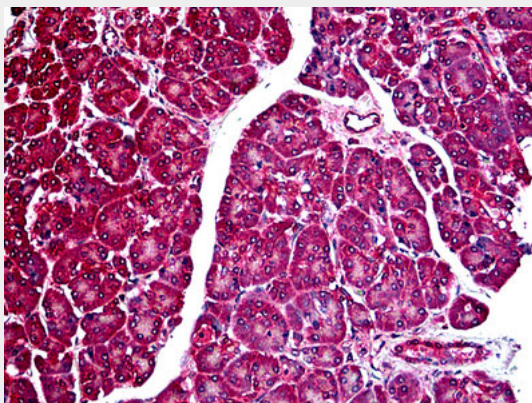
Tissue Location

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

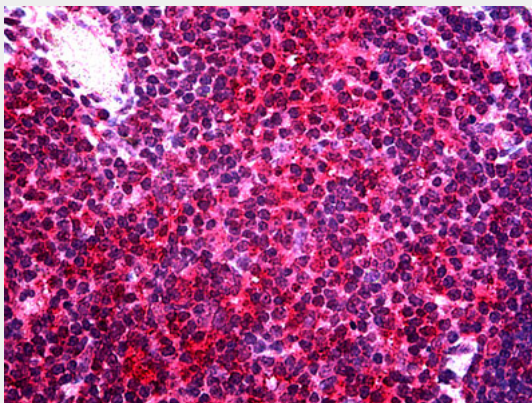
TNFRSF10B / Killer / DR5 Antibody (aa380-398) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TNFRSF10B / Killer / DR5 Antibody (aa380-398) - Images

Anti-DR5 antibody IHC of human pancreas.



Anti-DR5 antibody IHC of human thymus.

TNFRSF10B / Killer / DR5 Antibody (aa380-398) - Background

Receptor for the cytotoxic ligand TNFSF10/TRAIL. 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.

TNFRSF10B / Killer / DR5 Antibody (aa380-398) - References

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Walczak H.,et al.EMBO J. 16:5386-5397(1997).
Schneider P.,et al.FEBS Lett. 416:329-334(1997).
Chaudhary P.M.,et al.Immunity 7:821-830(1997).
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