

Anti-TNFRSF10B / Killer / DR5 Antibody (clone HS201)

Mouse Anti Human Monoclonal Antibody

Catalog # ALS18383

Product Information

Application	IHC-P, ICC, IP, FuncS, FC
Primary Accession	O14763
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	HS201
Calculated MW	47878
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	8795
Alias Symbol	TNFRSF10B
Other Names	TNFRSF10B, Cytotoxic TRAIL receptor-2, CD262 antigen, DR5, Death receptor 5, KILLER, TRAIL-R2, TRICK2B, TRAILR2, TRICK2A, TRICKB, TRICK2, CD262, Fas-like protein, TRAIL receptor 2, ZTNFR9
Target/Specificity	Recognizes human TRAIL-R2. Does not cross-react with human TRAIL-R1, -R3 or -R4.
Reconstitution & Storage	Protein G purified
Precautions	Anti-TNFRSF10B / Killer / DR5 Antibody (clone HS201) is for research use only and not for use in diagnostic or therapeutic procedures.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.