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

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18156

Specification

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

Application	**IHC-P, ICC, IP, Func, Flo**
Primary Accession	O14763
Predicted	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**47878**

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

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

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

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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