

Anti-TRAIL R2/DR5/TNFRSF10B Antibody (2E303)

Product Details

Ig Type:	hIgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2E303
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: Hela whole cell lysate, HepG2 whole cell lysate, A549 whole cell lysate, U251 whole cell lysate-All lanes: TNFRSF10B antibody at 1:500-Secondary: Goat polyclonal to Human IgG at 1/50000 dilution <p>2. Immunofluorescence staining of Hela cell with TMAH-01187 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Human IgG(H+L).</p>
Application:	ELISA, WB, IF
Recommended	WB:1:500-1:2000; IF:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human TNFRSF10B Protein
Antigen Species:	Human
Gene ID:	8795
Uniprot ID:	O14763
Synonyms:	ZTNFR9;KILLER/DR5;TRICK2A;TRAILR2;DR5TRICK2B;Fas-like protein;CD262;TRICK2;DR5;TRICKB;KILLER;TRAIL receptor 2;TNFRSF10B;TRAIL R2
Biology Area:	Cancer, Cardiovascular, Cell biology, Signal transduction

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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