

Product datasheet for **TA346933**

DR5 (TNFRSF10B) Mouse Monoclonal Antibody [Clone ID: 4G12-F5-E9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4G12-F5-E9
Applications:	WB
Recommended Dilution:	WB: 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	The immunogen for DR5 antibody: purified recombinant human DR5 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40,48 kDa
Gene Name:	tumor necrosis factor receptor superfamily member 10b
Database Link:	NP_003833 Entrez Gene 8795 Human O14763
Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene.
Synonyms:	CD262; DR5; KILLER; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB; ZTNFR9

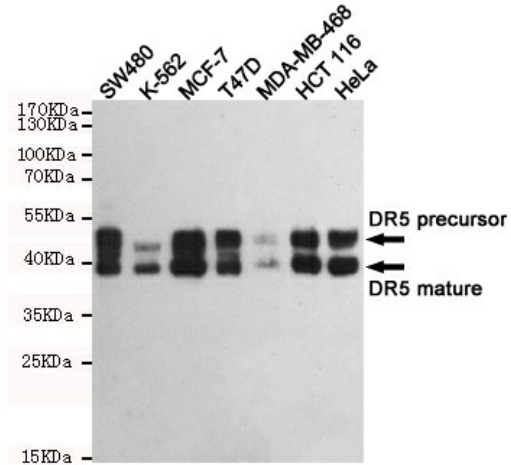


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Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity, p53 signaling pathway

Product images:



Western blot detection of DR5 in SW480, K562, HCT116 and HeLa cell lysates using DR5 mouse mAb (1:1000 diluted). Predicted band size: 40/48KDa. Observed band size: 40/48KDa.