

Anti-TRAIL R2/DR5/TNFRSF10B Antibody (7L7)

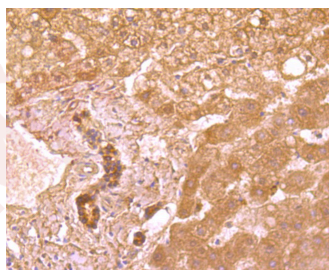
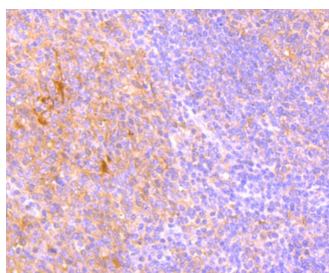
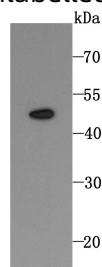
Product Details

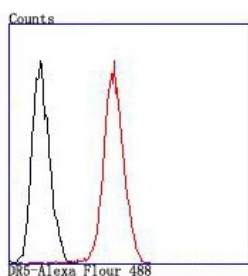
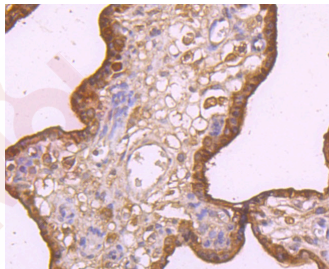
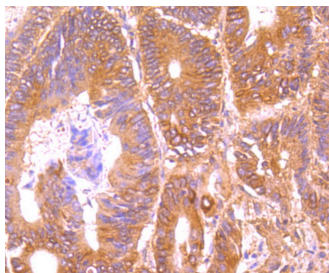
Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 48 kDa.
Clone:	7L7
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of DR5 on HL-60 cell using anti-DR5 antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-DR5 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-DR5 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-DR5 antibody. Counter stained with hematoxylin.
5. Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-DR5 antibody. Counter stained with hematoxylin.
6. Flow cytometric analysis of SW480 cells with DR5 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).





Application: FCM,IHC,IP,WB
Recommended WB: 1:500-1000; IHC: 1:50-200; FCM: 1:50-100

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
Uniprot ID: O14763
Synonyms: Tumor necrosis factor receptor superfamily member 10B;Death receptor 5;TNF-related apoptosis-inducing ligand receptor 2

Research Background

Tumor necrosis factor (TNF) is a pleiotropic cytokine whose function is mediated by two distinct cell surface receptors, designated TNF-R1 and TNF-R2, which are expressed on most cell types. TNF function is primarily mediated through TNF-R1 signaling. Both receptors belong to the growing TNF receptor superfamily which includes FAS antigen and CD40. TNF-R1 contains a cytoplasmic motif, termed the "death domain," that has been found to be necessary for the transduction of the apoptotic signal. The death domain is also found in several other receptors, including FAS, DR2 (or TRUNDD), DR3 (Death Receptor 3), DR4 and DR5. TRUNDD, DR4 and DR5 are receptors for the apoptosis-inducing cytokine TRAIL. A non-death domain-containing receptor, designated decoy receptor (DcR1 or TRID), also specifically associates with TRAIL and may play a role in cellular resistance to apoptotic stimuli.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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