

## DR5 Rabbit mAb

Catalog No: #49563

Package Size: #49563-1 50ul #49563-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

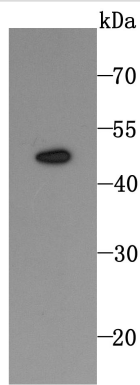
## Description

|                       |  |
|-----------------------|--|
| Product Name          | DR5 Rabbit mAb   |
| Host Species          | Recombinant Rabbit   |
| Clonality             | Monoclonal antibody  |
| Clone No.             | JA03-38  |
| Purification          | ProA affinity purified   |
| Applications          | WB, IP, IHC, FC  |
| Species Reactivity    | Hu   |
| Immunogen Description | recombinant protein  |
| Other Names           | Fas like protein antibody Apoptosis inducing protein TRICK2A/2B antibody Apoptosis inducing receptor TRAIL R2 antibody CD262 antibody CD262 antigen antibody Cytotoxic TRAIL receptor 2 antibody Death domain containing receptor for TRAIL/Apo 2L antibody Death receptor 5 antibody DR5 antibody KILLER antibody KILLER/DR5 antibody OTTHUMP00000123492 antibody OTTHUMP00000123493 antibody p53 regulated DNA damage inducible cell death receptor(killer) antibody TNF related apoptosis inducing ligand receptor 2 antibody TNF-related apoptosis-inducing ligand receptor 2 antibody TNFRSF10B antibody TR10B_HUMAN antibody TRAIL R2 antibody TRAIL receptor 2 antibody TRAIL-R2 antibody TRAILR2 antibody TRICK2 antibody TRICK2A antibody TRICK2B antibody TRICKB antibody Tumor necrosis factor receptor like protein ZTNFR9 antibody Tumor necrosis factor receptor superfamily member 10B antibody Tumor necrosis factor receptor superfamily, member 10b antibody ZTNFR9 antibody |
| Accession No.         | Swiss-Prot#:O14763   |
| Uniprot               | O14763   |
| GeneID                | 8795;  |
| Calculated MW         | 48 kDa   |
| Formulation           | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.   |
| Storage               | Store at -20°C   |

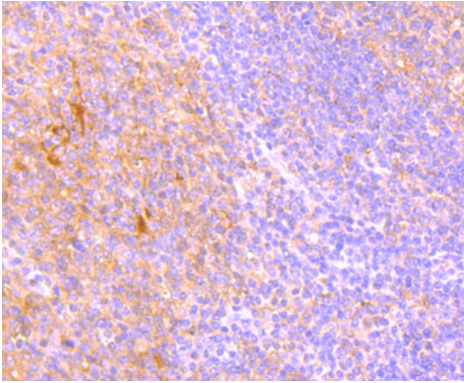
## Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200 FC: 1:50-1:100

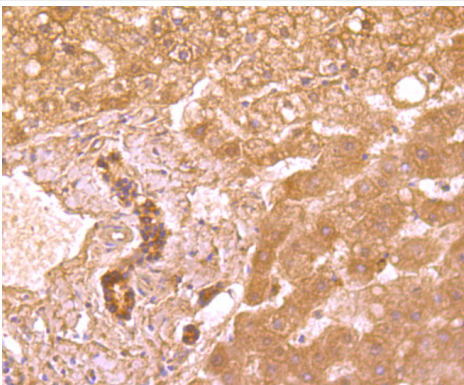
## Images



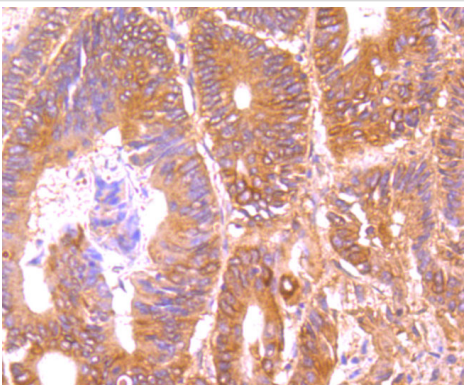
Western blot analysis of DR5 on HL-60 cell using anti-DR5 antibody at 1/1,000 dilution.



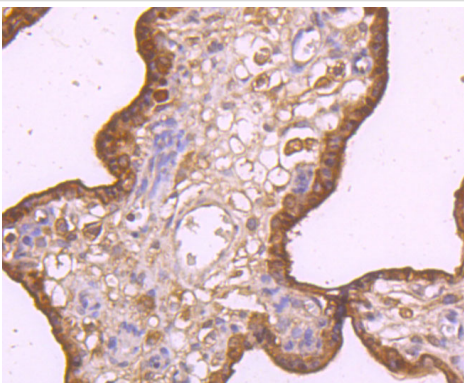
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-DR5 antibody. Counter stained with hematoxylin.



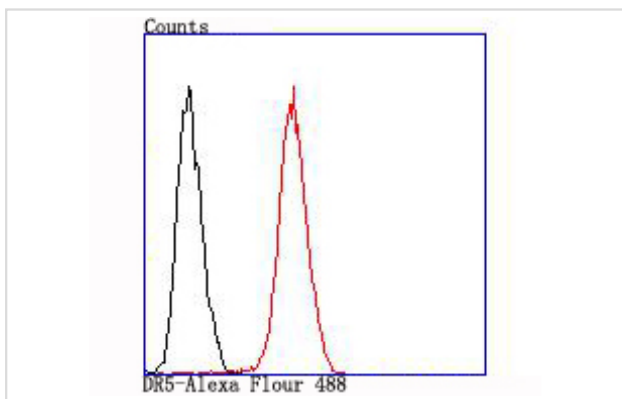
Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-DR5 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-DR5 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-DR5 antibody. Counter stained with hematoxylin.



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).

## 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.

## References

Note: This product is for in vitro research use only