

# DR5 Antibody

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AP52786

## Product Information

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<b>Application</b>	WB, ICC
<b>Primary Accession</b>	<a href="#">O14763</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	48 KDa

## Additional Information

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<b>Other Names</b>	Fas like protein;Apoptosis inducing protein TRICK2A/2B;Apoptosis inducing receptor TRAIL R2;CD 262;CD262;CD262 antigen;Cytotoxic TRAIL receptor 2;Death domain containing receptor for TRAIL/Apo 2L;Death domain containing receptor for TRAIL/Apo2L;Death receptor 5;DR 5;DR5;Fas like protein precursor;KILLER;KILLER/DR5;OTTHUMP00000123492; OTTHUMP00000123493;p53 regulated DNA damage inducible cell death receptor (killer);p53 regulated DNA damage inducible cell death receptor(killer);TNF related apoptosis inducing ligand receptor 2;TNF related apoptosis inducing ligand receptor 2;TNF-related apoptosis-inducing ligand receptor 2;TNFRSF10B;TR10B_HUMAN;TRAIL R2;TRAIL receptor 2;TRAIL-R2;TRAILR2;TRANCER;TRICK2;TRICK2A;TRICK2B;TRICKB;Tumor necrosis factor receptor like protein ZTNFR9;Tumor necrosis factor receptor like protein ZTNFR9;Tumor necrosis factor receptor superfamily member 10b;Tumor necrosis factor receptor superfamily, member 10b;ZTNFR9.
<b>Dilution</b>	WB~~1:500-1:2000 ICC~~1:100
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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### Background

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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.

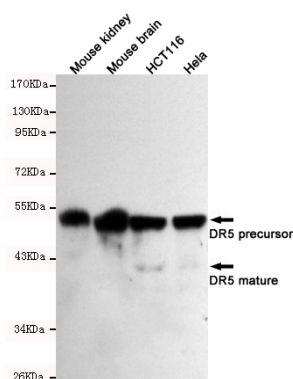
## References

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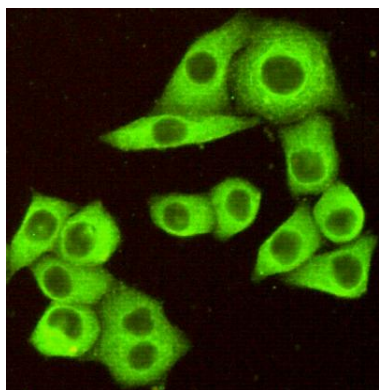
- Screaton G.R.,et al.Curr. Biol. 7:693-696(1997).  
Walczak H.,et al.EMBO J. 16:5386-5397(1997).  
Schneider P.,et al.FEBS Lett. 416:329-334(1997).  
Chaudhary P.M.,et al.Immunity 7:821-830(1997).  
MacFarlane M.,et al.J. Biol. Chem. 272:25417-25420(1997).

## Images

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Western blot detection of DR5 in Mouse kidney, Mouse brain, HCT116 and HeLa cell lysates using DR5 mouse mAb (1:500-1:2000 diluted). Predicted band size: 40/48 kDa. Observed band size: 40/48 kDa.



Immunocytochemistry of HeLa cells fixed by Paraformaldehyde and using DR5 mouse mAb diluted 1:100.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.