

Anti-DR5 Rabbit pAb



WL0171

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-DR5 Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:500-1:1000	
	IHC	1:100-1:400	
	IF	1:200	
Cellular localization	Membrane		
Pack size	50/100/200/500/1000μl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml		
	BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background	DR5 is a receptor for TNF-related apoptosis inducing ligand (TRAIL), which has been shown to induce apoptosis in variety of cell types and has been targeted for cancer therapy. Structurally, DR5 contains an amino-terminal leader cleavage site followed by an extracellular region containing two cysteine-rich repeats, then a central transmembrane domain and a carboxy-terminal death domain. DR5 is expressed in a wide variety of tissues and is transcriptional target for p53. It induces apoptosis through a FADD-dependent pathway. Deletion of DR5 leads to resistance in TRAIL-mediated apoptosis as well as an abrogated response to DNA-damaging stimuli.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of DR5.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

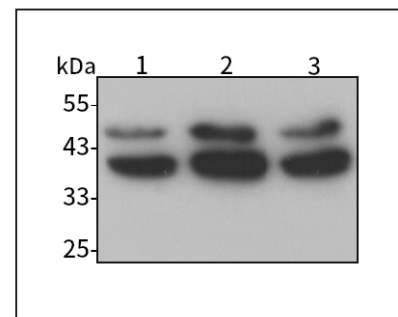
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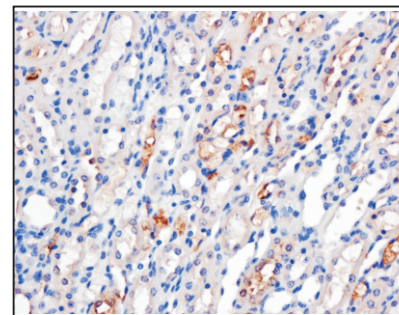
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Product Images



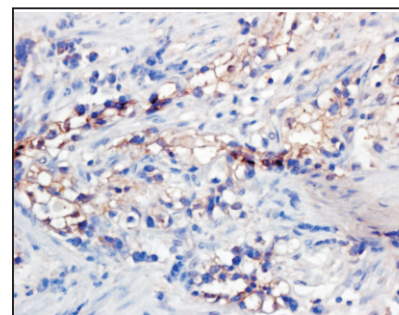
Western blot-Anti-DR5 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human HCT116 cell lysate
 All lanes: Anti-DR5 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 48 kDa
 Observed band size: 40/48 kDa



Immunohistochemistry-Anti-DR5 pAb

Immunohistochemical analysis of paraffin-embedded mouse kidney using anti-DR5 Rabbit Antibody at 1:150 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-DR5 pAb

Immunohistochemical analysis of paraffin-embedded human stomach cancer using anti-DR5 Rabbit Antibody at 1:150 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

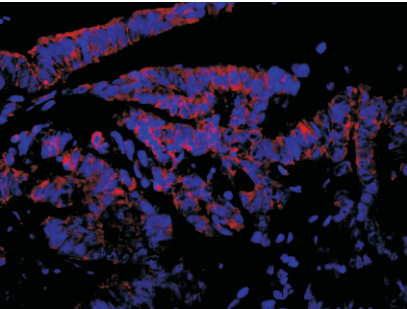
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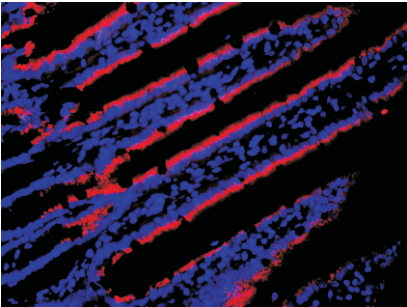
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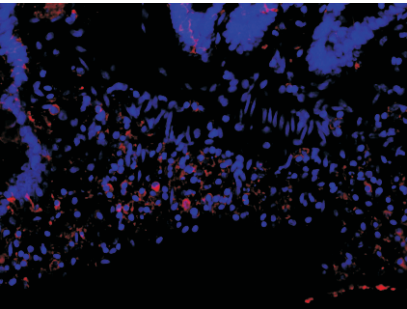
Product Information



Immunofluorescence-Anti-DR5 pAb
Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-DR5 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-DR5 pAb
Immunofluorescence analysis of paraffin-embedded mouse small intestine using anti-DR5 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-DR5 pAb
Immunofluorescence analysis of paraffin-embedded rat colon using anti-DR5 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0