

## Anti-DR5 Rabbit pAb



WL0171

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-DR5 Rabbit pAb		
<b>Source</b>	Rabbit		
<b>Species reactivity</b>	Human, Mouse, Rat		
<b>Tested applications</b>	WB	1:500-1:1000	
	IHC	1:100-1:400	
	IF	1:200	
<b>Cellular localization</b>	Membrane		
<b>Pack size</b>	50/100/200/500/1000μl		
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>		
<b>Storage buffer</b>	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

<b>Background</b>	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.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of DR5.
<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.

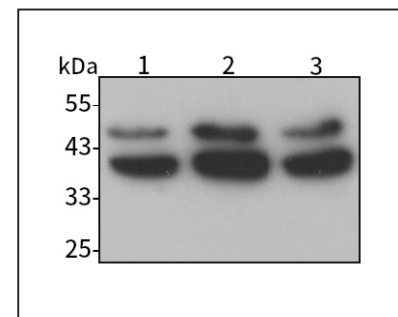
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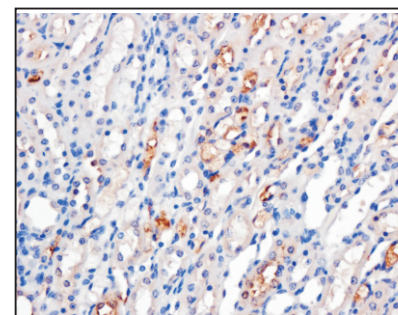
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## Product Images



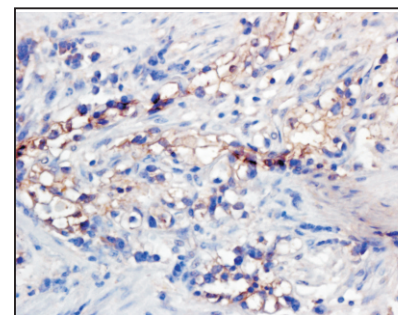
## Western blot-Anti-DR5 pAb

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

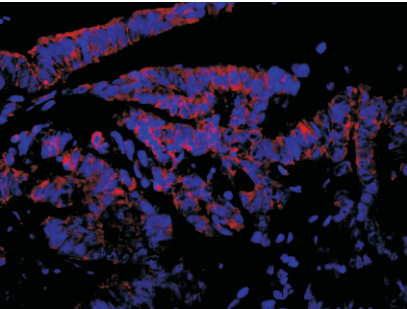
# Anti-DR5 Rabbit pAb



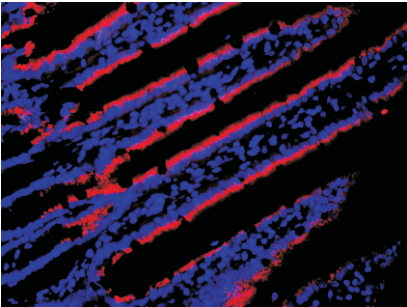
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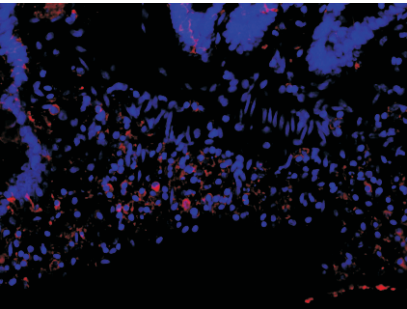
## Product Information



**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 colon 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