

Product Datasheet

Anti-DR5 Rabbit pAb

For Research Use Only. Not For Use In Diagnostic Procedures



WL0171



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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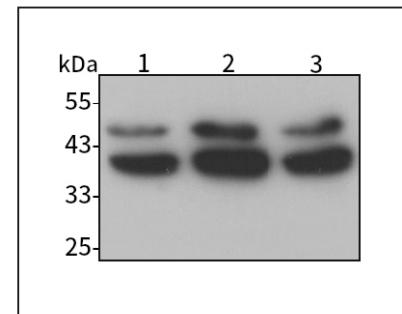
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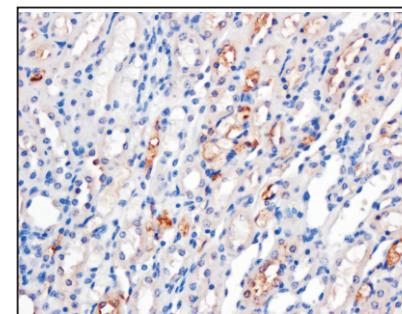


Product Images



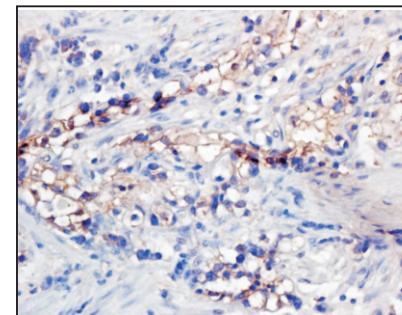
Western blot-Anti-DR5 pAb

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

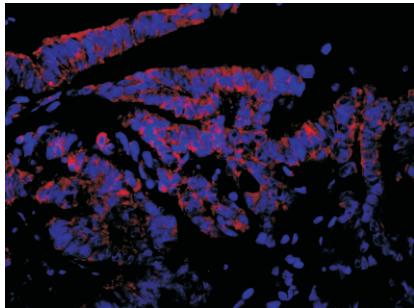
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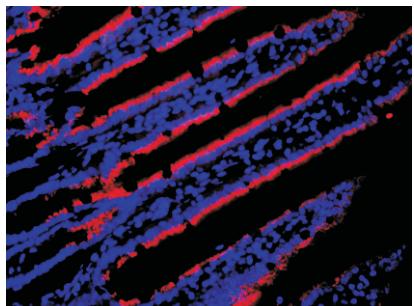
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Immunofluorescence-Anti-DR5 pAb

Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-DR5 Rabbit Antibody at 1:200 dilution.

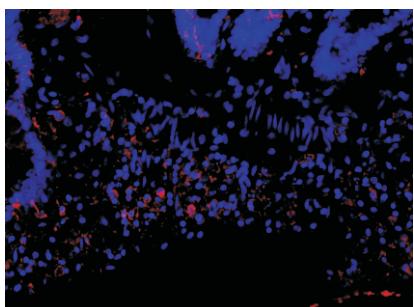
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



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.