

## Product datasheet for **AP23951PU-N**

### **DR5 (TNFRSF10B) (380-398) Rabbit Polyclonal Antibody**

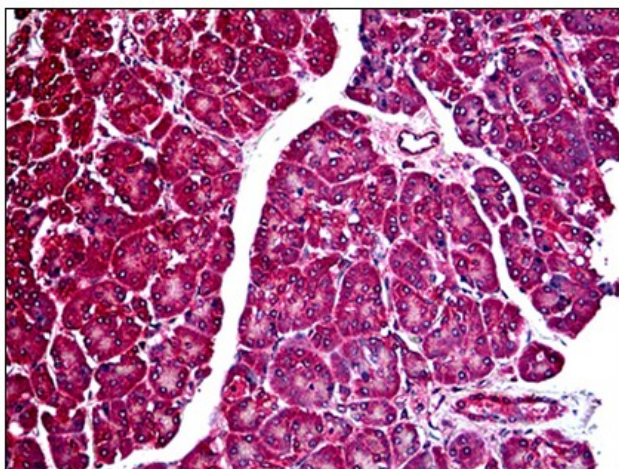
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Western Blot:</b> 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from Human TNFRSF10B / DR5, aa 380-398
Specificity:	This antibody reacts to Tumor Necrosis Factor Receptor Superfamily, Member 10b (TNFRSF10B) at aa 380-398.
Formulation:	PBS containing 0.02% Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor receptor superfamily member 10b
Database Link:	<a href="#">Entrez Gene 8795 Human</a> <a href="#">O14763</a>

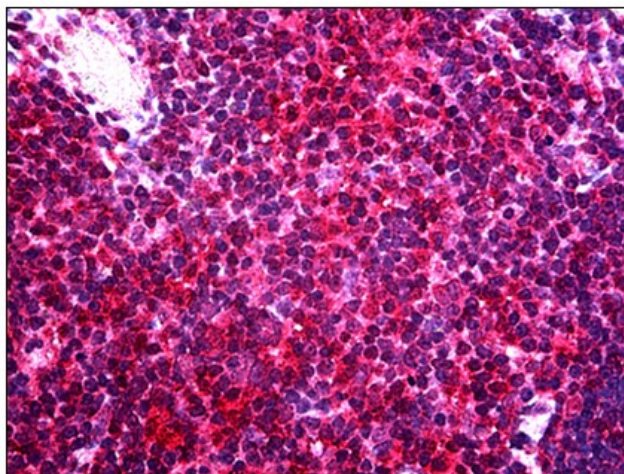


[View online »](#)

<b>Background:</b>	Apoptosis is induced by certain cytokines including TNF and Fas ligand in the TNF family through their death domain containing receptors. TRAIL/Apo2L is a new member of the TNF family. DR4 was recently identified as the receptor for TRAIL. A novel death domain containing receptor for TRAIL was more recently identified and designated DR5, Apo2, TRAIL-R2, TRICK2, or KILLER by several groups independently. Like DR4, DR5 transcript is widely expressed in normal tissues and in many types of tumor cells. DR5 binds to TRAIL and mediates TRAIL induced cell death. Overexpression of DR5 induces apoptosis and activates NF-kB.
<b>Synonyms:</b>	TNFRSF10B, DR5, KILLER, TRICK2, ZTNFR9, Death receptor 5, TRAIL receptor 2, TRAIL-R2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity, p53 signaling pathway

**Product images:**

Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Thymus: Formalin-Fixed, Paraffin-Embedded (FFPE)