

## Product datasheet for **TA807279**

### **DR5 (TNFRSF10B) Mouse Monoclonal Antibody [Clone ID: OTI1B9]**

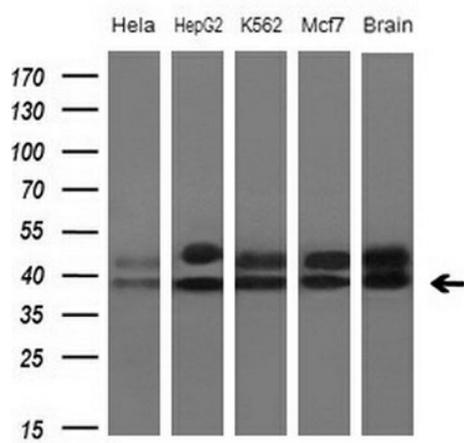
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI1B9
<b>Applications:</b>	IHC, WB
<b>Recommend Dilution:</b>	IHC 1:150
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 203-411 of human TNFRSF10B(NP_671716) produced in E.coli.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Predicted Protein Size:</b>	39.4 kDa
<b>Gene Name:</b>	tumor necrosis factor receptor superfamily member 10b
<b>Database Link:</b>	<a href="#">NP_671716 Entrez Gene 8795 Human</a>
<b>Background:</b>	The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene. [provided by RefSeq, Mar 2009]
<b>Synonyms:</b>	CD262; DR5; KILLER; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB; ZTNFR9
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity, p53 signaling pathway

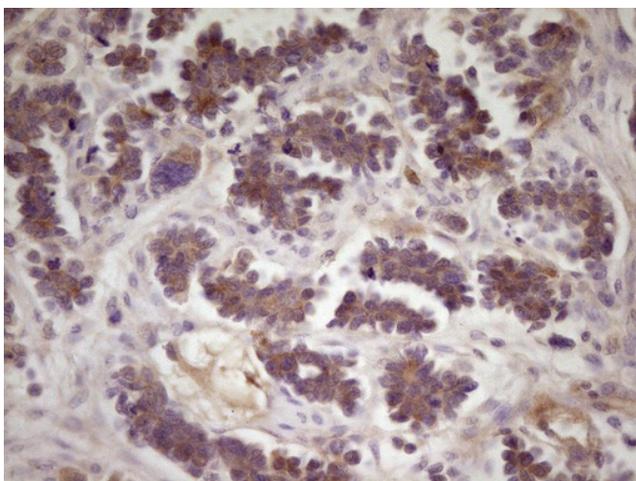


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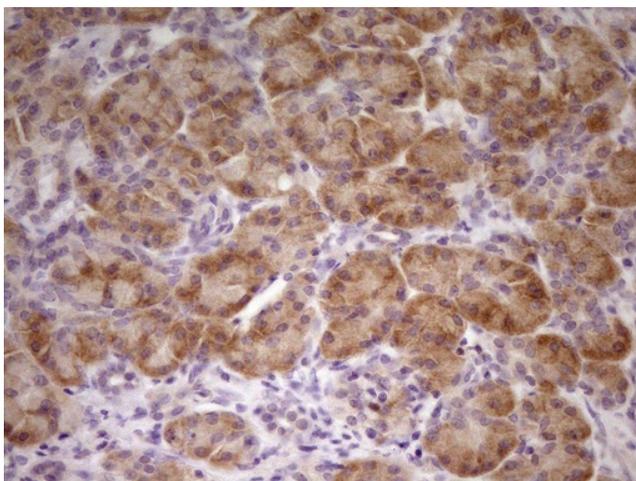
## Product images:



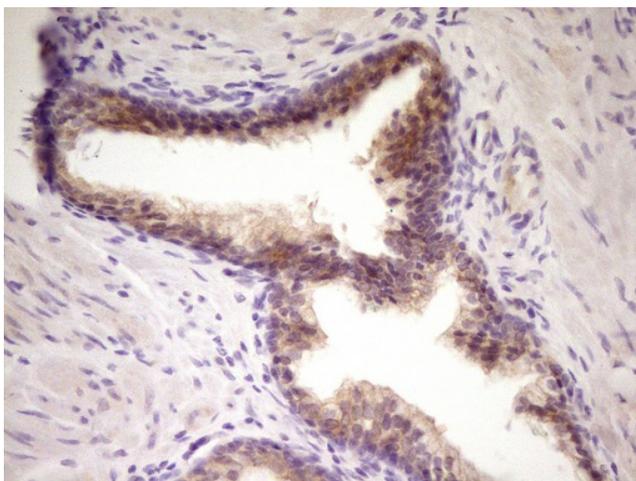
Western blot analysis of extracts (10ug) from 4 different cell lines and 1 human tissue by using anti-TNFRSF10B monoclonal antibody at 1:200 dilution.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-TNFRSF10B mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA807279)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-TNFRSF10B mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA807279)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-TNFRSF10B mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA807279)