

## DR5 Rabbit pAb

CatalogNo: YT7791

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse

**Applications**

- WB, ELISA

**MW**

- 48kD (Calculated)

**Isotype**

- IgG

### Recommended Dilution Ratios

**WB 1:1000-2000****ELISA 1:5000-20000**

### Storage

**Storage\***

-15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality**

Polyclonal

### Immunogen Information

**Immunogen**

Synthesized peptide derived from human DR5 AA range: 200-280

**Specificity**

This antibody detects endogenous levels of Human DR5

### Target Information

**Gene name**

TNFRSF10B DR5 KILLER TRAILR2 TRICK2 ZTNFR9 UNQ160/PRO186

<b>Protein Name</b>	DR5		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">8795;</a>	<a href="#">O14763;</a>
	Mouse	<a href="#">21933;</a>	<a href="#">Q9QZM4;</a>
<b>Cellular Localization</b>	Membrane; Single-pass type I membrane protein.		
<b>Tissue specificity</b>	Widely expressed in adult and fetal tissues; very highly expressed in tumor cell lines such as HeLaS3, K-562, HL-60, SW480, A-549 and G-361; highly expressed in heart, peripheral blood lymphocytes, liver, pancreas, spleen, thymus, prostate, ovary, uterus, placenta, testis, esophagus, stomach and throughout the intestinal tract; not detectable in brain.		
<b>Function</b>	Disease:Defects in TNFRSF10B may be a cause of squamous cell carcinoma of the head and neck (HNSCC) [MIM:275355].,Function:Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B.,induction:TNFRSF10B is regulated by the tumor suppressor p53.,similarity:Contains 1 death domain.,similarity:Contains 3 TNFR-Cys repeats.,subunit:Homotrimer. Can interact with TRADD and RIP.,tissue specificity:Widely expressed in adult and fetal tissues; very highly expressed in tumor cell lines such as HeLa S3, K562, HL-60, SW480, A549 and G361; highly expressed in heart, peripheral blood lymphocytes, liver, pancreas, spleen, thymus, prostate, ovary, uterus, placenta, testis, esophagus, stomach and throughout the intestinal tract; not detectable in brain.,		

| Validation Data

| Contact information

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**DR5 Rabbit pAb**

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