

**Anti-DR5 Rabbit Monoclonal Antibody**  
Catalog # ABO13290

**Specification**

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**Anti-DR5 Rabbit Monoclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IP, FC             |
| Primary Accession | <a href="#">O14763</a> |
| Host              | Rabbit                 |
| Isotype           | Rabbit IgG             |
| Reactivity        | Human                  |
| Clonality         | Monoclonal             |
| Format            | Liquid                 |

**Description**

Anti-DR5 Rabbit Monoclonal Antibody . Tested in WB, IP, Flow Cytometry applications. This antibody reacts with Human.

**Anti-DR5 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 8795

**Other Names**

Tumor necrosis factor receptor superfamily member 10B, Death receptor 5, TNF-related apoptosis-inducing ligand receptor 2, TRAIL receptor 2, TRAIL-R2, CD262, TNFRSF10B, DR5, KILLER, TRAILR2, TRICK2, ZTNFR9

**Calculated MW**

47878 MW KDa

**Application Details**

WB 1:1000-1:5000<br>IP 1:30<br>FC 1:100

**Subcellular Localization**

Membrane; Single-pass type I membrane protein.

**Tissue Specificity**

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.

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human DR5

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-DR5 Rabbit Monoclonal Antibody - Protein Information**

**Name** TNFRSF10B

**Synonyms** DR5, KILLER, TRAILR2, TRICK2, ZTNFR9

**Function**

Receptor for the cytotoxic ligand TNFSF10/TRAIL (PubMed:<a href="http://www.uniprot.org/citations/10549288" target="\_blank">10549288</a>). 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. Essential for ER stress-induced apoptosis.

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

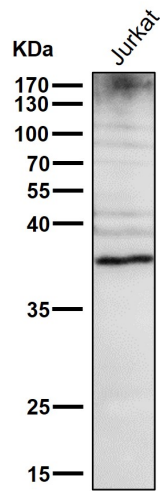
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**Anti-DR5 Rabbit Monoclonal Antibody - Protocols**

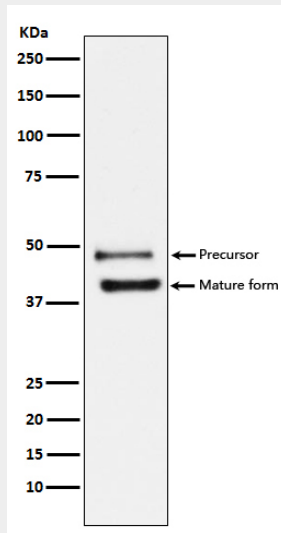
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-DR5 Rabbit Monoclonal Antibody - Images**



All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.



Western blot analysis of DR5 expression in HeLa cell lysate.