

DR5 Blocking Peptide
Catalog # PBV10026b**Specification**

DR5 Blocking Peptide - Product Information

Primary Accession	O9OZM4
Gene ID	21933
Calculated MW	42165

DR5 Blocking Peptide - Additional Information**Gene ID** 21933**Application & Usage**

The peptide is used for blocking the antibody activity of active DR5. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C

Other Names

Tumor necrosis factor receptor superfamily member 10B, Death receptor 5, MK, CD262, Tnfrsf10b, Dr5, Killer

Target/Specificity

DR5

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

DR5 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

DR5 Blocking Peptide - Protein Information**Name** Tnfrsf10b**Synonyms** Dr5, Killer**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. Essential for ER stress-induced apoptosis.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Highly expressed in heart, lung and kidney.

DR5 Blocking Peptide - 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](#)

DR5 Blocking Peptide - Images