

Product datasheet

Recombinant Human DR4 protein ab56518

2 Images

Overview

<b>Product name</b>	Recombinant Human DR4 protein
<b>Protein length</b>	Protein fragment

Description

<b>Nature</b>	Recombinant
<b>Source</b>	HEK 293 cells
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Amino acids</b>	1 to 238

Specifications

Our [Abpromise guarantee](#) covers the use of **ab56518** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE Western blot
<b>Form</b>	Lyophilised

Preparation and Storage

**Stability and Storage** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituent: PBS

**Reconstitution** Reconstitute with 50 µl sterile deionized water. For long term storage or for preparation of more diluted working stock solution, a carrier protein (e.g. 1% serum albumin) should be added to the vial. After reconstitution short term store at 4 °C, for long term storage store aliquoted at - 20 °C

General Info

**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.

#### Tissue specificity

Widely expressed. High levels are found in spleen, peripheral blood leukocytes, small intestine and thymus, but also in K562 erythroleukemia cells, MCF7 breast carcinoma cells and activated T-cells.

#### Sequence similarities

Contains 1 death domain.  
Contains 3 TNFR-Cys repeats.

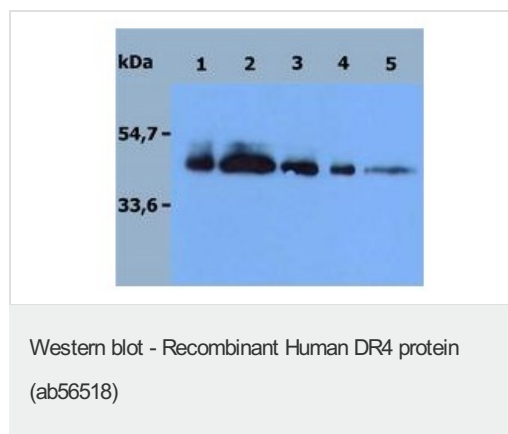
#### Cellular localization

Membrane.

### Images



SDS Page analysis of ab56518; 12% separating gel; reducing conditions. Lane 1: 2 µg, Lane 2: 1 µg, Lane 3: 0.5 µg. Staining with Coomassie Blue.



ab56518 has a calculated molecular mass of 43 kDa. As a result of glycosylation, the recombinant protein migrates approximately as a 46 kDa protein in SDS-PAGE under reducing conditions. Immunostaining with DR4 specific antibody, detection with Goat anti-mouse / HRP secondary antibody. Gel: 12%. Lane 1 : ab56518 at 0.37 µg, Lane 2 : ab56518 at 0.15 µg, Lane 3 : ab56518 at 0.075 µg, Lane 4 : ab56518 at 0.037 µg, Lane 5 : ab56518 at 0.015 µg.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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