

Product datasheet

Anti-DR4 [DR-4-02] antibody (Allophycocyanin)  
ab192337

1 Image

Overview

<b>Product name</b>	Anti-DR4 [DR-4-02] antibody (Allophycocyanin)
<b>Description</b>	Mouse monoclonal [DR-4-02] to DR4 (Allophycocyanin)
<b>Host species</b>	Mouse
<b>Conjugation</b>	Allophycocyanin. Ex: 645nm, Em: 660nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment within Human DR4 (extracellular). The exact sequence is proprietary. Fusion protein containing the extracellular part of DR4 and the constant part of the heavy chain of the human IgG1. Database link: <a href="#">O00220</a>

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Store In the Dark.
<b>Storage buffer</b>	Preservative: 0.097% Sodium azide Constituents: 0.2% BSA, 99% PBS
<b>Purity</b>	Size exclusion
<b>Purification notes</b>	The purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	DR-4-02
<b>Isotype</b>	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab192337** in the following tested applications.

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

Application	Abreviews	Notes
Flow Cyt		Use a concentration of 3 - 5 µg/ml.

## Target

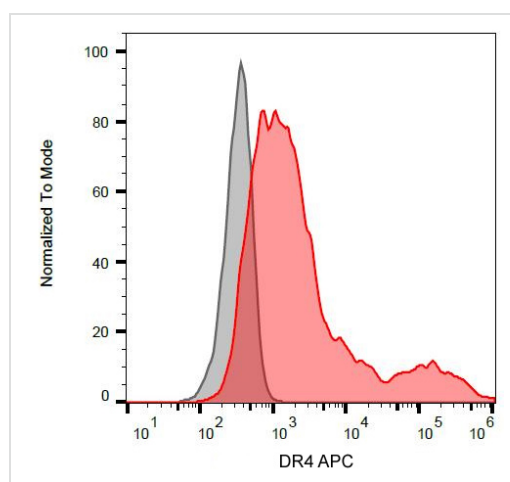
**Function** Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific 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



Flow cytometry analysis of partially DR4-transfected HEK293 cells labelling DR4 with ab192337 (red) compared to blank (grey).

Flow Cytometry - Anti-DR4 [DR-4-02] antibody  
(Allophycocyanin) (ab192337)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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