

### FITC Anti-DR4 antibody [DR-4-02] ab59047

#### 4 References

#### 概述

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<b>产品名称</b>	FITC荧光Anti-DR4抗体[DR-4-02]
<b>描述</b>	FITC荧光小鼠单克隆抗体[DR-4-02] to DR4
<b>宿主</b>	Mouse
<b>偶联物</b>	FITC. Ex: 493nm, Em: 528nm
<b>特异性</b>	The antibody recognizes TRAIL R1 (DR4), a human death receptor 4 (468 amino acids) expressed in most human tissues (spleen, peripheral blood leucocytes, thymus) and in a variety of tumour derived cell lines.
<b>经测试应用</b>	<b>适用于:</b> IP, Functional Studies, Flow Cyt
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Fusion protein (Human) containing the extracellular part of DR4 and the constant part of the heavy chain of human IgG1.
<b>常规说明</b>	<p>Do not use after expiration date stamped on vial label. Short term exposure to room temperature should not affect the quality of the reagent. However, if reagent is stored under any conditions other than those specified, the conditions must be verified by the user.</p> <p>Soluble antibody blocks DR4 receptor against TRAIL induced apoptosis. Plastic immobilized antibody induces apoptosis in sensitive cells.</p> <p>The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC and adjusted for direct use. No reconstitution is necessary.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

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<b>形式</b>	Liquid
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存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.4 Preservative: 0.097% Sodium azide Constituent: 0.2% BSA
纯度	0.2% high grade protease free BSA Size exclusion
纯化说明	The antibody was >95% pure prior to conjugation as determined from SDS-PAGE (by protein A affinity chromatography).
Primary antibody说明	Soluble antibody blocks DR4 receptor against TRAIL induced apoptosis. Plastic immobilized antibody induces apoptosis in sensitive cells.
克隆	单克隆
克隆编号	DR-4-02
同种型	IgG1

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab59047于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		Use at an assay dependent concentration.
Functional Studies		Use at an assay dependent concentration. in cultivation medium. Final concentration of TRAIL: 20-200 ng/ml. Note: It is recommended that the antibody is added 15 min before the addition of TRAIL.
Flow Cyt		Use at an assay dependent concentration. <b>ab91356</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## 靶标

功能	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.
组织特异性	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.
序列相似性	Contains 1 death domain. Contains 3 TNFR-Cys repeats.
细胞定位	Membrane.

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

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