

Product datasheet

Anti-DR4 antibody [32A242] ab13890

★★★★☆ 1 Abreviews 8 References 2 图像

概述

产品名称	Anti-DR4抗体[32A242]
描述	小鼠单克隆抗体[32A242] to DR4
宿主	Mouse
经测试应用	适用于: Flow Cyt, WB
种属反应性	与反应: Human
免疫原	Peptide corresponding to amino acid 1 to 20 of human DR4 mature protein.
阳性对照	HeLa cells lysate.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	32A242
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab13890** in the following tested applications.

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

应用	Ab评论	说明
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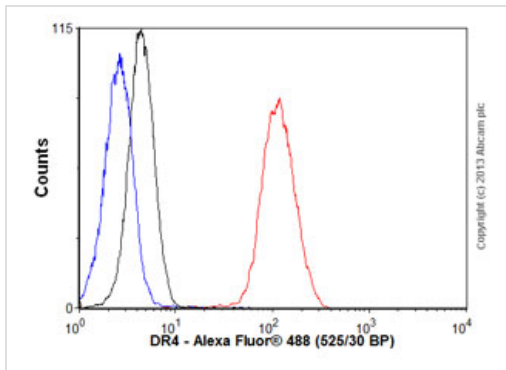
Flow Cyt		Use 0.1-1µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
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应用	Ab评论	说明
WB	★★★★☆	Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 57 kDa (predicted molecular weight: 52 kDa).

靶标

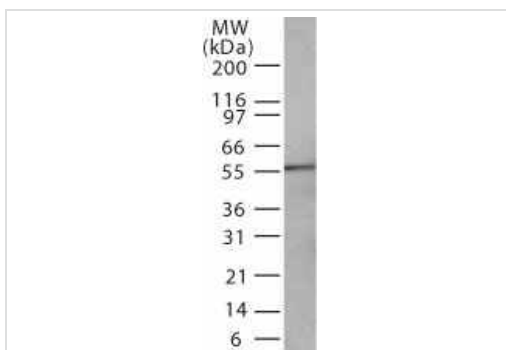
功能	Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases)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

图片



Flow Cytometry - Anti-DR4 antibody [32A242] (ab13890)

Overlay histogram showing Jurkat cells stained with ab13890 (red line). The cells were fixed with 80% methanol (5 min) and incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab13890, 1 µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-mouse IgG (H&L) (ab150113) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (ab91353, 1 µg/1x10⁶ cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter. This antibody gave a positive result in 4% paraformaldehyde (10 min) fixed Jurkat cells used under the same conditions. Please note that Abcam do not have any data for use of this antibody on non-fixed cells. We welcome any customer feedback.



Western blot - DR4 antibody [32A242] (ab13890)

Western blot analysis of 20 µg of total cell lysate from HeLa cells with ab13890 at 2 µg/ml dilution.

Western blot analysis of 20 µg of total cell lysate from HeLa cells with ab13890 at 2 µg/ml dilution.

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