


Anti-TNF Receptor II antibody [MR2-1] ab8161

★★★★★ [3 Abreviews](#) [8 References](#) [2 图像](#)

概述

产品名称	Anti-TNF Receptor II抗体[MR2-1]
描述	小鼠单克隆抗体[MR2-1] to TNF Receptor II
宿主	Mouse
特异性	The antibody reacts with the extra-cellular part of the TNF-R II and with the soluble receptor.
经测试应用	适用于: ICC/IF, Flow Cyt
种属反应性	与反应: Human 预测可用于: Cynomolgus monkey, Rhesus monkey 
免疫原	Recombinant fragment corresponding to Human TNF Receptor II (extracellular). Soluble TNF-R75 from culture supernatant of cells transfected with the extracellular part of TNF-R75, purified by affinity chromatography on a TNF-coupled agarose column. Database link: P20333
阳性对照	Recombinant human Soluble TNF Receptor II protein (ab640) can be used as a positive control in WB.
常规说明	<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&As</p>

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
纯度	Protein G purified
克隆	单克隆
克隆编号	MR2-1
同种型	IgG1

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab8161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
ICC/IF		Use a concentration of 1 µg/ml.
Flow Cyt	★★★★★ (1)	Use 2µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

靶标

功能

Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. This receptor mediates most of the metabolic effects of TNF-alpha. Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity.

序列相似性

Contains 4 TNFR-Cys repeats.

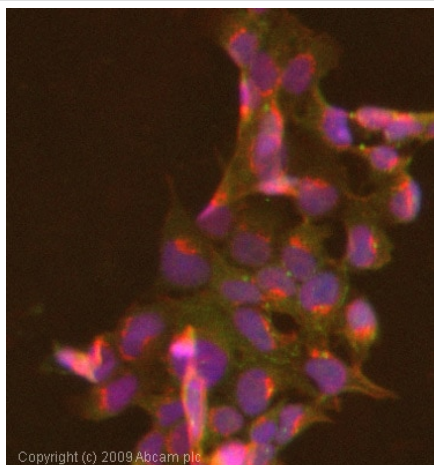
翻译后修饰

Phosphorylated; mainly on serine residues and with a very low level on threonine residues. A soluble form (tumor necrosis factor binding protein 2) is produced from the membrane form by proteolytic processing.

细胞定位

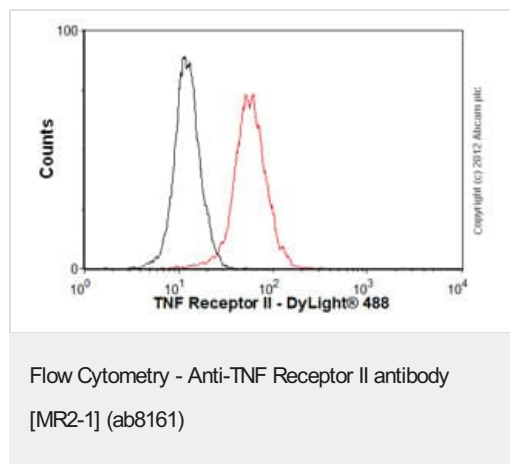
Secreted and Cell membrane.

图片



ICC/IF image of ab8161 stained Hek293 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab8161, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

Immunocytochemistry/ Immunofluorescence - Anti-TNF Receptor II antibody [MR2-1] (ab8161)



Overlay histogram showing HL60 cells stained with ab8161 (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 (ab8161, 2µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [CIGG1] ([ab91353](#), 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

Please note that Abcam do not have any data for use of this antibody on non-fixed cells. We welcome any customer feedback.

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