

Product datasheet

Anti-Egr1 antibody ab54966

8 References 3 图像

概述

产品名称	Anti-Egr1抗体
描述	小鼠单克隆抗体to Egr1
经测试应用	适用于: WB, IHC-P, Flow Cyt
种属反应性	与反应: Mouse, Human
免疫原	Recombinant fragment: SPVATSYSPSP VTTSYPSPAT TSYPSPVPTS FSSPGSSTYP SPVHSGFPSP SVATTYSSVP PAFPAQVSSF PSSAVTNSFS ASTGLSDMTA TFSPRTIEIC , corresponding to amino acids 444-544 of Human Egr1 Run BLAST with ExPASy Run BLAST with NCBI

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab54966** 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
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 58 kDa.
IHC-P		Use a concentration of 3 µg/ml.

应用	Ab评论	说明
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Flow Cyt Use 1µg for 10⁶ cells. [ab170191](#)-Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

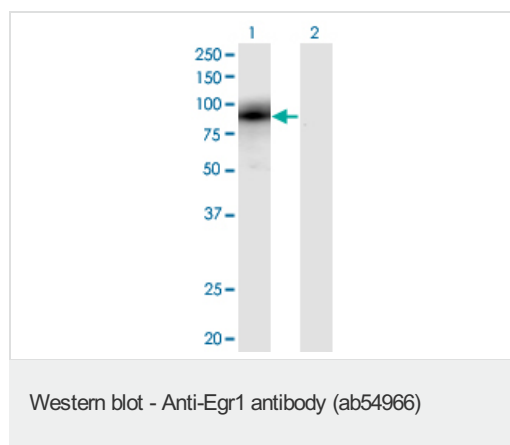
靶标

功能 Transcriptional regulator. Recognizes and binds to the DNA sequence 5'-CGCCCCCGC-3'(EGR-site). Activates the transcription of target genes whose products are required for mitogenesis and differentiation.

序列相似性 Belongs to the EGR C2H2-type zinc-finger protein family. Contains 3 C2H2-type zinc fingers.

细胞定位 Nucleus.

图片

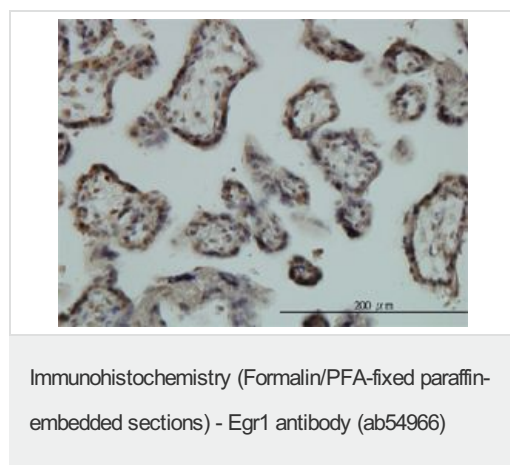


All lanes : Anti-Egr1 antibody (ab54966)

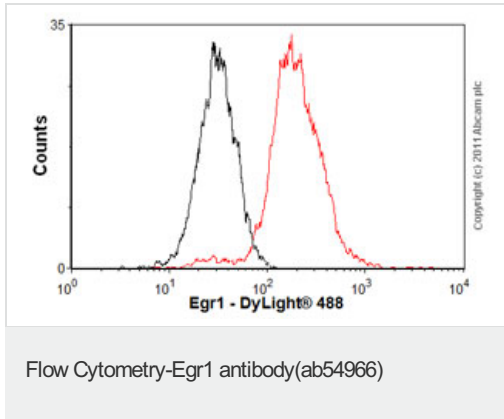
Lane 1 : EGR1 transfected lysate

Lane 2 : non-transfected

Predicted band size : 58 kDa



Egr1 antibody (ab54966) used in immunohistochemistry at 3µg/ml on formalin fixed and paraffin embedded human placenta.



Overlay histogram showing HeLa cells stained with ab54966 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab54966, 1µg/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 IgG2a [ICIGG2A] (ab91361, 1µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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