

Anti-FGFR1 alpha antibody [M2F12] ab829

★★★★★ [2 Abreviews](#) [12 References](#) [1 图像](#)

概述

产品名称	Anti-FGFR1 alpha抗体[M2F12]
描述	小鼠单克隆抗体[M2F12] to FGFR1 alpha
宿主	Mouse
特异性	Reacts with alpha isoform of FRFR1.
经测试应用	适用于: IHC-P, WB, IHC-Fr, ICC/IF, IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment corresponding to Human FGFR1 alpha. Recombinant human ectodomain of FGFR1a expressed in E. coli beginning with pro23; antigen contained NH2-terminal gly-ser-pro-gly-ile and COOH-terminal glu-phe sequences.
表位	NH2-terminus of unique NH2-terminal Ig loop of FGFR1. Epitope is within the sequence between glu30 and ala74 of FGFR1a.
阳性对照	IHC: Rat prostate tissue.
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 19/12/2018. Please note that the dilutions may need to be adjusted accordingly. If you have any questions please do not hesitate to contact our scientific support team.</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&As</p>

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	pH: 7.40 Constituent: PBS
纯度	Protein G purified

纯化说明	Purified from TCS
克隆	单克隆
克隆编号	M2F12
同种型	IgG2a

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab829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。

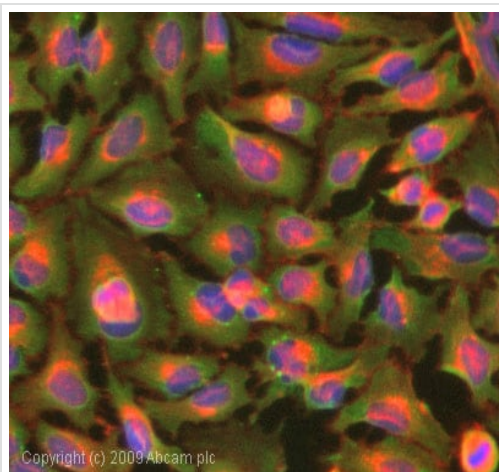
应用	Ab评论	说明
IHC-P	★★★★★ (1)	Use at an assay dependent concentration. PubMed: 19728793
WB	★★★★★ (1)	Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
ICC/IF		Use a concentration of 10 µg/ml.
IP		Use at an assay dependent concentration.

靶标

相关性 FGFR1 (fibroblast growth factor receptor 1) is a member of the fibroblast growth factor receptor family and contains an Ig-like domain and a tyrosine kinase domain. This receptor has multiple isoforms and is a Type I membrane protein. FGFR1 is widely expressed, with distinct isoforms expressed in specific tissues. FGFR1 binds fibroblast growth factor and induces mitogenesis and cellular differentiation. Defects in FGFR1 result in Pfeiffer syndrome associated with craniosynostosis. FGFR1 can be modified by phosphorylation and can bind basic/acidic fibroblast factor depending on the receptor isoform. FGFR1 has been shown to interact with N-cadherin and NCAM.

细胞定位 Cell Membrane

图片



Immunocytochemistry/ Immunofluorescence - Anti-FGFR1 alpha antibody [M2F12] (ab829)

ICC/IF image of ab829 stained HeLa cells. The cells were 100% methanol fixed (5 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 (ab829, 10µg/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.

This image was generated using the ascites version of the product.

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

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