

Product datasheet

Anti-FGFR1 alpha antibody [M1C4] ab830

概述

产品名称	Anti-FGFR1 alpha抗体[M1C4]
描述	小鼠单克隆抗体[M1C4] to FGFR1 alpha
宿主	Mouse
特异性	Reacts with alpha isoform of FRFR1.
经测试应用	适用于: IP, WB
种属反应性	与反应: Human
免疫原	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	COOH-terminus of unique NH2-terminal Ig loop of FGFr1. Epitope is within the sequence between glu75 and ser119 of FGFr1a. Epitope is masked in undenatured FGFr1a.

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: 0.02% Sodium azide
纯度	Protein G purified
克隆	单克隆
克隆编号	M1C4
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab830** 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
IP		
WB		

应用说明

Western blotting: at 1 ug/ml recognizes 10 ng recombinant bacterial, baculo-viral, or native FGFR1.

Immunoprecipitation: Ig loop I fragment of denatured, intact FGFR1a.

Immunohistochemistry: untested; predicted to be poor due to masked epitope.

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

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