

## Product datasheet

# Anti-FGF9 antibody [FG9-77] ab10424

### 概述

产品名称	Anti-FGF9抗体[FG9-77]
描述	小鼠单克隆抗体[FG9-77] to FGF9
宿主	Mouse
特异性	Monoclonal Anti-FGF9 reacts specifically with recombinant FGF9 (fibroblast growth factor 9). It does not cross-react with human FGF Acidic and FGF Basic.
经测试应用	适用于: ELISA, Dot blot, WB
种属反应性	与反应: Mouse, Human
免疫原	Recombinant full length protein (Mouse).

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: None Constituents: 0.01M PBS, pH 7.4
纯度	Protein A purified
克隆	单克隆
克隆编号	FG9-77
同种型	IgG1

### 应用

Our [Abpromise guarantee](#) covers the use of **ab10424** 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
ELISA		Use at an assay dependent dilution.
Dot blot		Use a concentration of 5 µg/ml.

应用	Ab评论	说明
WB		Use at an assay dependent dilution. Detects a band of approximately 25 kDa.

## 靶标

功能	May have a role in glial cell growth and differentiation during development, gliosis during repair and regeneration of brain tissue after damage, differentiation and survival of neuronal cells, and growth stimulation of glial tumors.
组织特异性	Glial cells.
疾病相关	Defects in FGF9 are the cause of multiple synostoses syndrome type 3 (SYNS3) [MIM:612961]. Multiple synostoses syndrome is an autosomal dominant condition characterized by progressive joint fusions of the fingers, wrists, ankles and cervical spine, characteristic facies and progressive conductive deafness.
序列相似性	Belongs to the heparin-binding growth factors family.
翻译后修饰	Three molecular species were found (30 kDa, 29 kDa and 25 kDa), cleaved at Leu-4, Val-13 and Ser-34 respectively. The smaller ones might be products of proteolytic digestion. Furthermore, there may be a functional signal sequence in the 30 kDa species which is uncleavable in the secretion step. N-glycosylated.
细胞定位	Secreted.

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