

## Product datasheet

# Anti-Interferon gamma antibody [D9D10] (FITC) ab11417

### 概述

产品名称	Anti-Interferon gamma抗体[D9D10] (FITC)
描述	小鼠单克隆抗体[D9D10] to Interferon gamma (FITC)
宿主	Mouse
偶联物	FITC. Ex: 493nm, Em: 528nm
特异性	ab11417 recognises both natural and recombinant human interferon gamma, binding only to the dimeric (functional) form.
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human, Baboon
免疫原	Full length native protein (purified) (Human).
常规说明	This product should be stored undiluted. Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

### 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: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.2
纯度	Protein G purified
纯化说明	Purified IgG prepared by ion exchange chromatography.
克隆	单克隆
克隆编号	D9D10
骨髓瘤	P3x63-Ag8.653
同种型	IgG1

### 应用

Our [Abpromise guarantee](#) covers the use of **ab11417** 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
Flow Cyt		
<b>应用说明</b>	Flow Cyt: undiluted - 1/10. Use 10 µl of the suggested working dilution to label 10 <sup>6</sup> cells in 100 µl.  Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.	
<b>靶标</b>		
<b>功能</b>	Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.	
<b>组织特异性</b>	Released primarily from activated T lymphocytes.	
<b>疾病相关</b>	In Caucasians, genetic variation in IFNG is associated with the risk of aplastic anemia (AA) [MIM:609135]. AA is a rare disease in which the reduction of the circulating blood cells results from damage to the stem cell pool in bone marrow. In most patients, the stem cell lesion is caused by an autoimmune attack. T-lymphocytes, activated by an endogenous or exogenous, and most often unknown antigenic stimulus, secrete cytokines, including IFN-gamma, which would in turn be able to suppress hematopoiesis.	
<b>序列相似性</b>	Belongs to the type II (or gamma) interferon family.	
<b>翻译后修饰</b>	Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.	
<b>细胞定位</b>	Secreted.	

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

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