

## Product datasheet

# Anti-Myeloperoxidase antibody [2C7] (Phycoerythrin) ab11730

### 1 References

#### 概述

产品名称	Anti-Myeloperoxidase抗体[2C7] (Phycoerythrin)
描述	小鼠单克隆抗体[2C7] to Myeloperoxidase (Phycoerythrin)
宿主	Mouse
偶联物	Phycoerythrin. Ex: 488nm, Em: 575nm
特异性	ab11730 recognises human myeloperoxidase.
经测试应用	<b>适用于:</b> Flow Cyt
种属反应性	<b>与反应:</b> Human
免疫原	Human myeloperoxidase
常规说明	This product should be stored undiluted. 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.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
纯度	Protein G purified
纯化说明	Purified IgG prepared by affinity chromatography.
克隆	单克隆
克隆编号	2C7
骨髓瘤	x63-Ag8.653
同种型	IgG1

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab11730** 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: Use 10 µl of undiluted antibody to label 10 <sup>6</sup> cells in 100 µl. This antibody may be used for the flow cytometric detection of myeloid cells following membrane permeabilisation.  Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.	
<b>靶标</b>		
<b>功能</b>	Part of the host defense system of polymorphonuclear leukocytes. It is responsible for microbicidal activity against a wide range of organisms. In the stimulated PMN, MPO catalyzes the production of hypohalous acids, primarily hypochlorous acid in physiologic situations, and other toxic intermediates that greatly enhance PMN microbicidal activity.	
<b>疾病相关</b>	Defects in MPO are the cause of myeloperoxidase deficiency (MPD) [MIM:254600]. MPD is an autosomal recessive defect that results in disseminated candidiasis.	
<b>序列相似性</b>	Belongs to the peroxidase family. XPO subfamily.	
<b>细胞定位</b>	Lysosome.	

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

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