

### Anti-MAX antibody [73C5a] ab53570

★★★★★ [1 Abreviews](#) [11 References](#) [2 图像](#)

#### 概述

产品名称	Anti-MAX抗体[73C5a]
描述	小鼠单克隆抗体[73C5a] to MAX
宿主	Mouse
经测试应用	适用于: ChIP, Flow Cyt, Dot blot, WB
种属反应性	与反应: Human, Recombinant fragment
免疫原	Recombinant human MAX
常规说明	<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&amp;As</p>

#### 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 long term. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 1% BSA, 0.03% Potassium phosphate, 0.812% Sodium chloride, 0.1312% Sodium phosphate, 0.0225% Potassium chloride, PBS</p>
纯度	Protein G purified
纯化说明	ab53570 was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum and filtered through a 0.22µm membrane.
克隆	单克隆
克隆编号	73C5a
同种型	IgG2b

## 应用

### The Abpromise guarantee

**Abpromise™**承诺保证使用ab53570于以下的经测试应用

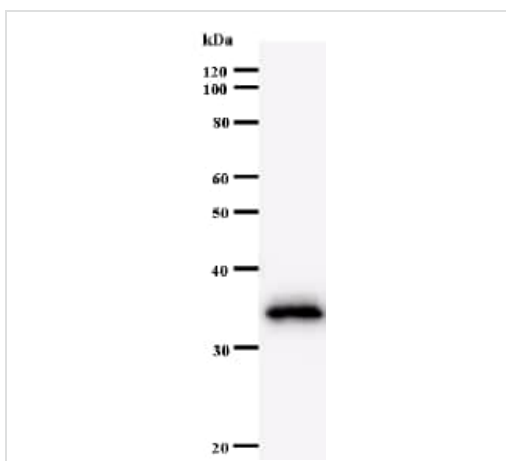
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ChIP		Use at an assay dependent concentration. PubMed: 20797623
Flow Cyt		Use 1µg for 10 <sup>6</sup> cells. <b>ab170192</b> - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.
Dot blot		Use at an assay dependent concentration.
WB	★★★★☆ (1)	Use at an assay dependent concentration. Detects a band of approximately 34 kDa (predicted molecular weight: 18 kDa).

## 靶标

功能	Transcription regulator. Forms a sequence-specific DNA-binding protein complex with MYC or MAD which recognizes the core sequence 5'-CAC[GA]TG-3'. The MYC:MAX complex is a transcriptional activator, whereas the MAD:MAX complex is a repressor. May repress transcription via the recruitment of a chromatin remodeling complex containing H3 'Lys-9' histone methyltransferase activity.
组织特异性	High levels found in the brain, heart and lung while lower levels are seen in the liver, kidney and skeletal muscle.
疾病相关	Pheochromocytoma
序列相似性	Belongs to the MAX family. Contains 1 bHLH (basic helix-loop-helix) domain.
翻译后修饰	Reversible lysine acetylation might regulate the nuclear-cytoplasmic shuttling of specific Max complexes.
细胞定位	Nucleus. Cell projection, dendrite.

## 图片

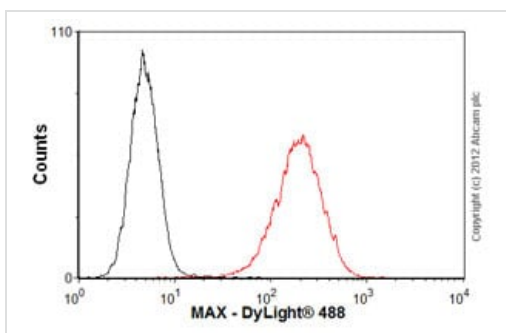


Western blot - Anti-MAX antibody [73C5a] (ab53570)

Anti-MAX antibody [73C5a] (ab53570) + immunised recombinant protein

**Predicted band size:** 18 kDa

**Observed band size:** 34 kDa



Flow Cytometry - Anti-MAX antibody [73C5a] (ab53570)

Overlay histogram showing A549 cells stained with ab53570 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab53570, 1µg/1x10<sup>6</sup> cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2b [PLPV219] ([ab91366](#), 2µg/1x10<sup>6</sup> cells) used under the same conditions.

Acquisition of >5,000 events was performed. This antibody gave a positive signal in A549 cells fixed with 4% paraformaldehyde (10 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.

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

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