

## Product datasheet

# Goat F(ab')<sub>2</sub> Anti-Human IgG - Fc (PE), pre-adsorbed ab98596

★★★★★ [1 Abreviews](#) [12 References](#) [1 图像](#)

### 概述

产品名称	山羊F(ab') <sub>2</sub> 抗人IgG - Fc (PE),预吸附二抗
宿主	Goat
靶标种属	Human
经测试应用	<b>适用于:</b> Flow Cyt
最小交叉反应	Mouse, Rat
偶联物	PE. Ex: 488nm, Em: 575nm

[more details](#)

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: PBS, 0.2% BSA
纯度	Immunogen affinity purified
纯化说明	This antibody was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab') <sub>2</sub> fragment were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were conjugated to Phycoerythrin.
克隆	多克隆
同种型	IgG
常规说明	By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgG. Cross reactivity with IgA and IgM is negligible. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to mouse and rat IgG was detected. This antibody may cross react with IgG from other species.

### 应用

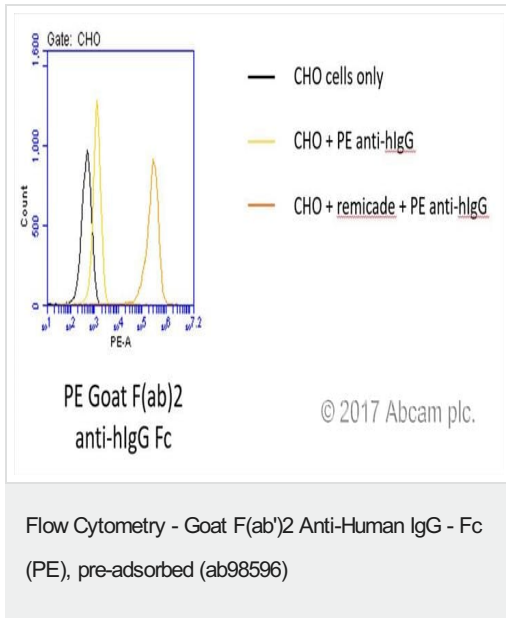
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**Abpromise™** 承诺保证使用ab98596于以下的经测试应用

“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
Flow Cyt	★★★★★ (1)	1/50 - 1/200.

## 图片



### Flow Cytometry - Goat F(ab)<sub>2</sub> Anti-Human IgG - Fc (PE), pre-adsorbed (ab98596)

CHO cell line expressing membrane bound human TNF $\alpha$  (stable transfectants) was incubated with 10  $\mu$ g/ml Remicade (anti-human TNF $\alpha$  monoclonal antibody) for 1 h in 4°C. The unbound antibody was washed off by centrifugation (300x g for 5 min) and binding of remicade was detected with PE Goat F(ab)<sub>2</sub> anti-hlgG Fc (ab98596) – 1:100 (5  $\mu$ g/ml), 30 min incubation in 4°C. The cells were washed twice in FACS buffer (2.5% BSA, 0.1% sodium azide in dPBS), before flow cytometric analysis.

PE goat F(ab)<sub>2</sub> anti-hlgG detected binding of remicade to TNF $\alpha$  CHO cell line giving strong positive signal, however there was some non-specific binding to the cells alone. Further optimisation of the reagent concentration and washing procedure should improve the background signal.

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