

Goat F(ab')₂ Anti-Human IgG - Fc (PE), pre-adsorbed ab98596

★★★★★ [1 Abreviews](#) [12 References](#) [画像数 1](#)

製品の概要

製品名	Goat F(ab') ₂ Anti-Human IgG - Fc (PE), pre-adsorbed
由来種	Goat
ターゲット生物種	Human
アプリケーション	適用あり: Flow Cyt
吸着処理血清	Mouse, Rat
標識	PE. Ex: 488nm, Em: 575nm

[more details](#)

製品の特性

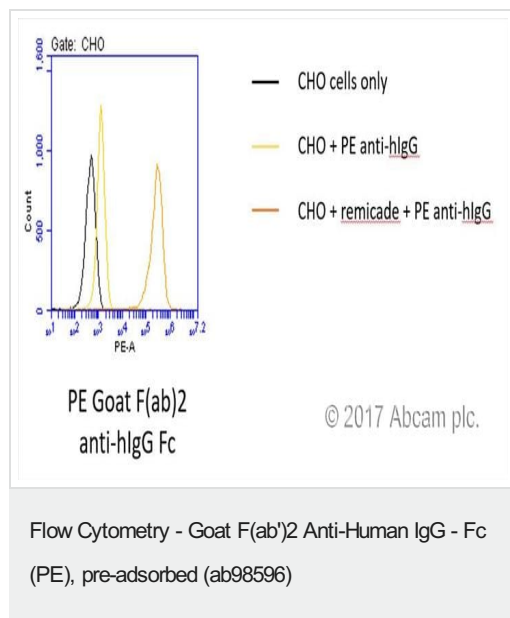
製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: PBS, 0.2% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	This antibody was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab') ₂ fragment were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were conjugated to Phycoerythrin.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG
特記事項	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.

アプリケーション

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アプリケーション	Abreviews	特記事項
Flow Cyt	★★★★★ (1)	1/50 - 1/200.

画像



Flow Cytometry - Goat F(ab)₂ Anti-Human IgG - Fc (PE), pre-adsorbed (ab98596)

CHO cell line expressing membrane bound human TNF α (stable transfectants) was incubated with 10 μ g/ml Remicade (anti-human TNF α 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)₂ anti-hlgG Fc (ab98596) – 1:100 (5 μ 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)₂ anti-hlgG detected binding of remicade to TNF α 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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