

Store at +4°C
#8887

Anti-mouse IgG (H+L), F(ab')₂ Fragment (PE Conjugate)



Cell Signaling
TECHNOLOGY®

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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications:
FC-FP, FC-L

Reactivity:
M

Source/Isotype:
Goat

Product Usage Information

The optimal dilution of the anti-species antibody should be determined for each primary antibody by titration. However, a final dilution of 1:250 - 1:1000 should yield acceptable results for flow cytometry assays.

Storage

Supplied in 0.1 M sodium phosphate, 0.1 M sodium chloride, pH 7.5, 5 mM sodium azide. Store at 4°C. *Do not aliquot the antibody. Protect from light. Do not freeze.*

Specificity / Sensitivity

F(ab')₂ fragments are prepared from goat antibodies that have been adsorbed against human IgG and human serum.

Product Description

Anti-mouse IgG (H+L), F(ab')₂ Fragment was conjugated to phycoerythrin (PE) under optimal conditions and formulated at 1 mg/ml. This F(ab')₂ fragment results in less non-specific binding to cells through Fc receptors.

Background

This product has been optimized for use as a secondary antibody in FLOW cytometry. Fluorescent anti-species IgG conjugates are ideal for flow cytometry and immunofluorescence. Cell Signaling Technology's strict quality control procedures assure that each conjugate provides optimal specificity and fluorescence.

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Applications Key

FC-FP: Flow Cytometry (Fixed/Permeabilized) **FC-L:** Flow Cytometry (Live)

Cross-Reactivity Key

H: human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Mi:** mink **C:** chicken **Dm:** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Sc:** S. cerevisiae **Ce:** C. elegans **Hr:** horse **GP:** Guinea Pig **Rab:** rabbit **All:** all species expected

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