

Product Datasheet

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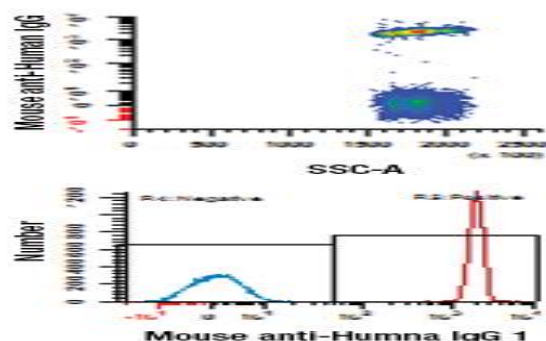


Anti-Human IgG Fc Specific [Clone HP6043] — PE

Monoclonal Antibody

Product Information

Product No.: I-127
Clone: HP6043
RRID: AB_2892928
Isotype: Mouse IgG2b



Using Spherotech EasyComp Fluorescent Particles Beads, PE (Negative Population) & Antibody Binding Compensation Particle Beads were employed to capture separate 2-fold dilutions of the anti-Human IgG Fc Specific - R-PE (Prod. No.: I-127) (Positive) reagent for acquisition of an LSR Fortessa flow cytometer. The appropriate titer for this reagent & lot was 0.5 µg / test.

Product Description

Specificity:

Anti-Human IgG (Fc Specific) monoclonal antibody (clone HP6043) has been purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype. This antibody reacts with all IgG isotypes and is non-reactive with IgA, IgM, IgE, light chains or F(ab')₂ portions of human IgG.

Antigen Distribution:

Surface IgG is expressed on approximately 2% of normal human peripheral blood cells.

Known Reactivity Species:

Human

Format:

R-phycoerythrin (PE)

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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Formulation

This R-phycoerythrin (R-PE) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

Storage and Stability

This R-PE conjugate is stable when stored at 2-8°C. **Do not freeze.**

Applications

Applications and Recommended Usage (Quality Tested By Leinco):

FC This antibody has been quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 0.25 μg per million cells in 100 μl volume. *Each investigator should determine their own optimal working dilution for specific applications.*

Country of Origin

USA

References

1. Reimer, C. B. et al. (1984) *Hybridoma* **3**:263
2. Jefferies, R. et al. (1985) *Immunol. Letters* **10**:223
3. Phillips, D. J. et al. (1987) *Immunol. Letters* **17**:159

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