

Datasheet for ABIN2690968

Human BD Fc Block™[Go to Product page](#)**2** Publications

Overview

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| Quantity: | 0.25 mg |
| Reactivity: | Human, Rhesus Monkey |
| Application: | Flow Cytometry (FACS) |

Product Details

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| Brand: | BD Pharmingen™ |
| Characteristics: | Fcγ Receptors belong to the immunoglobulin superfamily and are expressed at varying levels in multiple cell lineages including high expression in myeloid and B cells. The major functions of Fc receptors are protective functions of the immune system. There are multiple different types of Fc receptors reflecting a variety of different biological activities, which are modulated when they are aggregated by multivalent antigen-antibody complexes. While normally serving important physiological roles in the immune system, Fc Receptors can also be the cause of nonspecific, false-positive antibody staining of cells. Human BD Fc Block™ is designed and formulated to block or significantly reduce potential non-specific antibody staining caused by receptors for IgG that may be encountered in various applications including the flow cytometric analysis of human cells. Moreover, it can increase the specificity of antibody labeling of extremely rare target cells such as antigen-specific B cells, fetal cells in maternal blood, hematopoietic progenitor cells, or disseminated epithelial tumor cells. |
| Sterility: | Sterile filtered, 0.2 µm filtered |
| Endotoxin Level: | Endotoxin level is ≤0.01 EU/µg (≤0.001 ng/µg) of protein as determined by the LAL assay. |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
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Application Details

Comment: BD Pharmingen™ Human BD Fc Block™ - Purified NA/LE Reactivity Hu, Rhe

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: No azide/low endotoxin: Aqueous buffered solution containing no preservative, 0.2µm sterile filtered.

Preservative: Azide free

Storage: 4 °C

Storage Comment: Store undiluted at 4°C. This preparation contains no preservatives, thus it should be handled under aseptic conditions.

Publications

Product cited in: Nimmerjahn, Ravetch: "Fc-receptors as regulators of immunity." in: **Advances in immunology**, Vol. 96, pp. 179-204, (2007) ([PubMed](#)).

Ravetch, Bolland: "IgG Fc receptors." in: **Annual review of immunology**, Vol. 19, pp. 275-90, (2001) ([PubMed](#)).