

Datasheet for ABIN2472294
anti-FCGR1A antibody (PE)



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1 Image **2** Publications

Overview

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| Quantity: | 100 tests |
| Target: | FCGR1A |
| Reactivity: | Human, Baboon, Rhesus Monkey, Cynomolgus |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This FCGR1A antibody is conjugated to PE |
| Application: | Flow Cytometry (FACS) |

Product Details

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| Immunogen: | Human monocytes |
| Clone: | 10-1 |
| Isotype: | IgG1 |
| Specificity: | Mouse anti Human CD64 antibody, clone 10.1 recognizes the human CD64 cell surface antigen, a ~75 kDa glycoprotein expressed by monocytes. The antigen acts as a high affinity receptor for human IgG, and is also known as FcRI. |
| Cross-Reactivity: | Baboon, Cynomolgus, Rhesus Monkey |
| Characteristics: | Purified IgG conjugated to R. Phycoerythrin (RPE) |
| Purification: | Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant |

Target Details

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| Target: | FCGR1A |
| Alternative Name: | CD64 (FCGR1A Products) |
| Background: | Synonyms: FcRI |
| Gene ID: | 2209 |
| UniProt: | P12314 |
| Pathways: | Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process |

Application Details

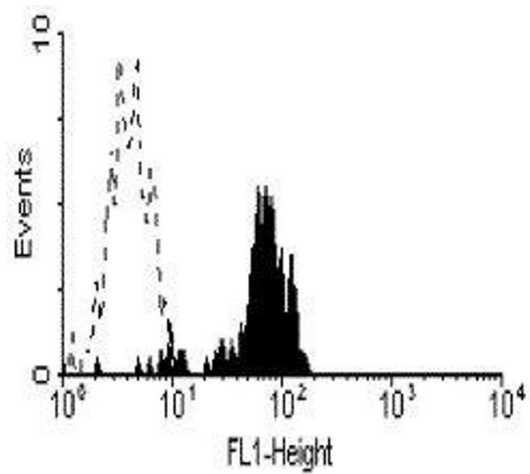
| | |
|--------------------|--|
| Application Notes: | Mouse anti Human CD64 antibody, clone 10.1 blocks binding of immunoglobulin to FcRI. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Reconstitution: | Reconstitute with distilled water |
| Buffer: | Phosphate buffered saline, 0.09% Sodium Azide, 1% Bovine Serum Albumin, 5% Sucrose |
| Handling Advice: | DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. |
| Storage: | 4 °C |
| Storage Comment: | Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. |

Publications

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| Product cited in: | <p>Beekman, Bakema, van de Winkel, Leusen: "Direct interaction between FcγRI (CD64) and periplakin controls receptor endocytosis and ligand binding capacity." in: Proceedings of the National Academy of Sciences of the United States of America, Vol. 101, Issue 28, pp. 10392-7, (2004) (PubMed).</p> <p>Yoshino, Ami, Terao, Tashiro, Honda: "Upgrading of flow cytometric analysis for absolute counts, cytokines and other antigenic molecules of cynomolgus monkeys (<i>Macaca fascicularis</i>) by using anti-human cross-reactive antibodies." in: Experimental animals / Japanese Association for Laboratory Animal Science, Vol. 49, Issue 2, pp. 97-110, (2000) (PubMed).</p> |
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Flow Cytometry

Image 1.