

30-1997: Anti-CD16 / FcγRIII Monoclonal Antibody (Clone:LNK16)-FITC Conjugated

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| Clonality : | Monoclonal |
| Clone Name : | LNK16 |
| Application : | FACS, IP |
| Reactivity : | Human, Non-Human Primates |
| Conjugate : | FITC |
| Gene : | FCGR3A |
| Gene ID : | 2214 |
| Uniprot ID : | P08637 |
| Alternative Name : | FCGR3A,CD16A,FCG3,FCGR3,IGFR3 |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Normal human peripheral blood granulocytes |

Description

CD16 (FcγRIII) is a 50-65 kDa glycoprotein serving as a low affinity IgG receptor. Human FcγRIII is expressed in two forms - FcγRIII-A and -B. FcγRIII-A is a transmembrane protein of monocytes, macrophages, NK cells and a subset of T cells. It is associated with FcεRI-gamma subunit and is responsible for antibody-dependent NK cell cytotoxicity. Mast cell FcγRIII-A is associated, moreover, with FcεRI-beta subunit. Besides IgG, FcγRIII-A can be triggered also by oligomeric IgE. FcγRIII-B is a GPI-linked monomeric receptor expressed on neutrophils and is involved in their activation and induction of a proadhesive phenotype.

Product Info

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| Amount : | 100 tests |
| Storage condition : | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

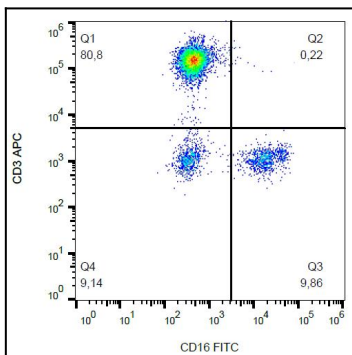


Figure 1: Surface staining of human peripheral blood cells with anti-CD16 (LNK16) FITC.