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## 30-2224: Anti-CD16 / FcgammaRIII Monoclonal Antibody (Clone:LNK16)-PE Conjugated

Clone Name : Monoclonal
Clone Name : LNK16
Application : FACS, IP

Reactivity: Human, Non-Human Primates

Conjugate: PE

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

## **Product Info**

Amount: 100 tests

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

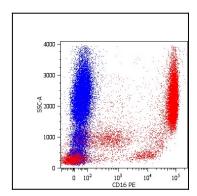


Figure 1: Surface staining of human peripheral blood cells with anti-CD16 (LNK16) PE.