
CD16 (HI16a) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250949

Unit: 0.1 mg

Description:

The CD16 (HI16a) antibody recognizes a 50-60 kDa transmembrane protein, a low affinity Fc receptor for IgG (FcRIII), which is a NK cell-associated antigen. CD16 antigen is expressed on the large majority of NK cells, granulocytes (eosinophils excepted), monocytes/macrophages and a subset of T cells. CD16 antigen is involved in signal transduction, NK cell activation and antibody-dependent cellular cytotoxicity (ADCC).

Isotype: Mouse IgG1

Applications: E, FC, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Low affinity immunoglobulin gamma Fc region receptor III; IgG Fc receptor III; Fc-gamma RIII; FcRIII; FcRIII; FcR-10; CD16 antigen; FCGR3; CD16; FCG3; FCGR3; IGFR3

Accession No.: P08637, O75015

Application Notes: Purified antibody is suitable for immunohistochemistry with acetone-fixed frozen sections. E: 1:500-1:1,000; FC: 1:200-1:1,000; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Ambarus C et al. 2012. Research Article. Arthritis Research and Therapy. 14: R47. PMID# 22494514. [2] Knapp W., et al., eds. 1989. Leucocyte Typing IV: White Cell Differentiation Antigens. P798. 1078. Oxford University Press. New York. [3] Barclay NA et al. 1993. Eds. The Leukocyte Antigen Facts Book. CD16 section. Academic Press Inc. San Diego, California, p 136.

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