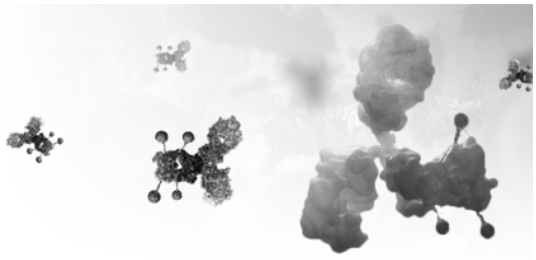

# Rabbit Anti-Human CD16 monoclonal Antibody, clone HF50-80 (CABT-L109RM)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Target** | Human CD16 |
| **Immunogen** | Synthetic peptide within C-terminal human CD16 |
| **Isotype** | IgG |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Human, Mouse, Rat |
| **Clone** | HF50-80 |
| **Purification** | Protein A purified. |
| **Conjugate** | Unconjugated |
| **Applications** | Recommended dilution:<br>WB: 1:500;<br>IHC: 1:50-1:200 |
| **Cellular Localization** | Cell membrane, Membrane, Secreted |
| **Format** | Liquid |
| **Concentration** | 1 mg/ml |
| **Size** | 50 µl |
| **Buffer** | 1*TBS (pH7.4), 1%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide. |
| **Preservative** | 0.05% Sodium Azide |

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| | |
|---|---|
| **Storage** | Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing. |
| **Ship** | Wet ice |

# BACKGROUND

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| **Introduction** | CD16, also known as FcγRIII, is a cluster of differentiation molecule found on the surface of natural killer cells, neutrophils, monocytes, and macrophages. CD16 has been identified as Fc receptors FcγRIIIa (CD16a) and FcγRIIIb (CD16b), which participate in signal transduction. The most well-researched membrane receptor implicated in triggering lysis by NK cells, CD16 is a molecule of the immunoglobulin superfamily (IgSF) involved in antibody-dependent cellular cytotoxicity (ADCC). |
| **Keywords** | CD16; FCG3; CD16A; FCGR3; IGFR3; FCR-10; FCRIII; FCGRIII; FCRIIIA; FCGR3A; Low affinity immunoglobulin gamma Fc region receptor III-A; CD16a antigen; Fc-gamma RIII-alpha; Fc-gamma RIII; Fc-gamma RIIIa; IgG Fc receptor III-2 |

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