

## Anti-CD16 (FCγRIII) [B88-9] Standard Size Ab00218-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** B88-9

**Alternative Name(s) of Target:** Low Affinity IgR; Low affinity immunoglobulin gamma Fc region receptor III-A; CD16a antigen; Fc-gamma RIII-alpha; Fc-gamma RIII; Fc-gamma RIIIa; FcRIII; FcRIIIa; FcR-10; IgG Fc receptor III-2; FCGR3A; CD16A; FCG3; FCGR3; IGFR3; Fc-gamma receptor IIIb

**UniProt Accession Number of Target Protein:** Q9ULV2

**Published Application(s):** IP, FC, IF

**Published Species Reactivity:** Human

**Immunogen:** This antibody was raised against FCγRIII expressing cells.

**Specificity:** B88-9 binds to human CD16 at an epitope comprised of LEKDSVTK (aa 21-27), (SWKNTALH (aa 113-120), FHHNS (aa 134-138) and VGSKN (aa 158-162) (Feng et al, 2004). hCD16 is recognized by B88-9 when both bound and unbound to hIgG1 – B88-9-bound CD16 cannot be bound by hIgG1.

**Application Notes:** This antibody binds to CD16, a low affinity Fc receptor on the surface of natural killer cells, neutrophils, monocytes and macrophages.

**Antibody First Published in:** Tamm A, Schmidt RE. The binding epitopes of human CD16 (Fc gamma RIII) monoclonal antibodies. Implications for ligand binding. J Immunol. 1996 Aug 15;157(4):1576-81

[PMID:8759741](#)

**Note on publication:** Describes the characterization of this antibody.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.