

CD16**Mouse Monoclonal Antibody (Mab)****Catalog # APA281****Specification**

CD16 - Product Information

Application	IHC
Primary Accession	P08637
Host	Mouse
Clonality	Monoclonal
Calculated MW	29089 Da

CD16 - Additional Information

Gene ID	2214
Gene Name	FCGR3A

Other Names

Low affinity immunoglobulin gamma Fc region receptor III-A, IgG Fc receptor III-A, CD16-II, CD16a antigen, Fc-gamma RIII-alpha, Fc-gamma RIII, Fc-gamma RIIIa, FcRIII, FcRIIIa, FcgammaRIIIA, FcR-10, IgG Fc receptor III-2, CD16a, FCGR3A {ECO:0000303|PubMed:23006327}

Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CD16 is for research use only and not for use in diagnostic or therapeutic procedures.

CD16 - Protein Information**Name** FCGR3A {ECO:0000303|PubMed:23006327}

Synonyms	CD16A, FCG3, FCGR3, IGFR3
Function	Receptor for the Fc region of IgG. Binds complexed or aggregated IgG and also monomeric IgG. Mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis.
Cellular Location	Cell membrane; Single-pass type I membrane protein. Secreted. Note=Exists also as a soluble receptor
Tissue Location	Expressed on natural killer cells, macrophages, subpopulation of T-cells, immature thymocytes and placental trophoblasts

CD16 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD16 - Images