



Anti-Human CD16 Monoclonal Antibody Fab Fragment, clone 3G8 (CABG-006)

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

PRODUCT INFORMATION

Specificity	Antibody 3G8 recognizes both allelic forms of human CD16. It is cross reactive with cynomolgus CD16.
Immunogen	Human polymorphonuclear leukocytes
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3G8
Purification	Protein A purified
Conjugate	Unconjugated
Applications	FC
Concentration	1.0 mg/ml
Size	100 µg
Buffer	50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl. Product was sterile filtered and vialled under aseptic conditions.
Preservative	None
Storage	Store at 2 - 5°C. Open under aseptic conditions. Freeze/Thawing is not recommended.

BACKGROUND

Introduction	Human CD16 is a low affinity receptor for complexed IgG and occurs in two distinct forms, as a glycosyl phosphatidyl inositol (GPI) anchored protein in granulocytes, and as an integral membrane protein on NK cells and macrophages. Antibody 3G8 recognizes both allelic forms of CD16. Antibody 3G8 blocks binding of complexed IgG to CD16.
Keywords	FCGR3A; Fc fragment of IgG, low affinity IIIa, receptor (CD16a); CD16; FCG3; CD16A; FCGR3;

IGFR3; IMD20; FCR-10; FCRIII; FCGRIII; FCRIIIA; low affinity immunoglobulin gamma Fc region receptor III-A; FcgammaRIIA; CD16a antigen; fc-gamma RIII; Fc-gamma RIIa; Fc-gamma RIII-alpha; igG Fc receptor III-2; Fc gamma receptor III-A; Fc-gamma receptor IIIb (CD16); neutrophil-specific antigen NA; Fc-gamma receptor III-2 (CD 16); immunoglobulin G Fc receptor III; Fc fragment of IgG, low affinity III, receptor for (CD16)

GENE INFORMATION

Synonyms	Fcγ RIII, Fc gamma RIII
Entrez Gene ID	2214
UniProt ID	P08637