

DATASHEET

CD16.2 Armenian Hamster Monoclonal Antibody(9E9)

CAT. NO. AMA03738

KEY FEATURES

Target	CD16.2	Source / Host	Armenian Hamster
Reactivity	Mouse	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Armenian Hamster IgG. Liquid in PBS, Storage pH 7.3, and 0.02% sodium azide.		at-20°C

BACKGROUND

(Fcgr4, mouse) Enables IgE receptor activity and IgG receptor activity. Involved in several processes, including Fc receptor-mediated immune complex endocytosis; neutrophil activation; and positive regulation of bone resorption. Acts upstream of or within T cell mediated cytotoxicity; granzyme-mediated programmed cell death signaling pathway; and protein transport. Located in cell surface and plasma membrane. Is expressed in liver. Human ortholog(s) of this gene implicated in several diseases, including allergic disease (multiple); autoimmune disease (multiple); glomerulonephritis (multiple); graft-versus-host disease; and hematologic cancer (multiple). Orthologous to human FCGR3A (Fc gamma receptor IIIa) and FCGR3B (Fc gamma receptor IIIb).

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

PRODUCT OVERVIEW

Description	Armenian Hamster monoclonal antibody to CD16.2
Specificity	Recognizes mouse CD16.2
Antibody Type	Primary antibody
Immunogen	FCyR4 —EC domain fusion with IgG1 Fc
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Armenian Hamster IgG. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	Low affinity immunoglobulin gamma Fc region receptor IV; CD16-2; FcgammaRIV
Gene Symbol	FCGR4
Entrez Gene	246256(Mouse)
SwissProt	A0A0B4J1G0(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**CD16.2 Armenian Hamster Monoclonal Antibody(9E9)****CAT. NO. AMA03738****| DATA****| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.