SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-CD16a&CD32 Monoclonal Antibody

Catalog Number: SLA3588M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	2E2
Target:	CD16a&CD32
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Mouse
Predicted MW.:	37,30 kDa
Background:	Enables IgG binding activity. Involved in several processes, including Fc receptor-mediated immune complex endocytosis; nervous system development; and regulation of response to endoplasmic reticulum stress. Acts upstream of or within several processes, including antigen processing and presentation of exogenous peptide antigen via MHC class II; negative regulation of immune effector process; and regulation of phagocytosis. Located in cell body; dendritic spine; and external side of plasma membrane. Is expressed in several structures, including adipose tissue; bone; liver; lung; and spleen. Used to study malaria and systemic lupus erythematosus. Human ortholog(s) of this gene implicated in several diseases, including autoimmune disease (multiple); dengue disease (multiple); hematologic cancer (multiple); leukopenia (multiple); and malaria (multiple). Orthologous to several human genes including FCGR2A (Fc gamma receptor IIa) and

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	FCGR2B (Fc gamma receptor IIb). [provided by Alliance of Genome Resources, Jul 2025]

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