

**Manufacturer/Supplier:**

WUXI DONGLIN SCI&TECH DEVELOPMENT CO., LTD

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**Product name:** Anti-Mouse CD16/32 Monoclonal  
Antibody(PE/Cyanine5.5 Conjugated)

**Catalog:** DL20162F

**Synonyms:** CD16a/b, CD32, CD32A/B, Fc fragment of IgG low  
affinity IIa/b receptor, Fc fragment of IgG low  
affinity IIIa/b receptor, Fc fragment of IgG low  
affinity IIIb receptor, Fc gamma receptor III  
A/B, FCGR2A, FcGR, FCGR2A/BFCGR3, FCGR3A/B,  
Fc gamma RIIa/b

**Background:** CD16 is low affinity IgG Fc receptor III (FcR III)  
and CD32 is FcR II. CD16/CD32 are expressed on B  
cells, monocytes/macrophages, NK cells,  
granulocytes, mast cells, and dendritic cells. The Fc  
receptors bind antibody-antigen immune complexes

and mediate adaptive immune responses.

**Form:** Liquid

**Isotype:** Rat IgG2b,  $\kappa$

**Size:** 25 $\mu$ g/100 $\mu$ g

**Host:** Rat

**Reactivity:** Mouse

**Application:** FCM

**Concentration:** 0.2 mg/mL

**Conjugation:** PE/Cyanine5.5

**SwissProt:** P08101,P08508,Q5D5I8,Q5D5J5,Q7TMW9,Q9ES9  
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**Buffer:** Phosphate buffered solution, pH 7.2, containing  
0.09% stabilizer and 1% protein protectant.

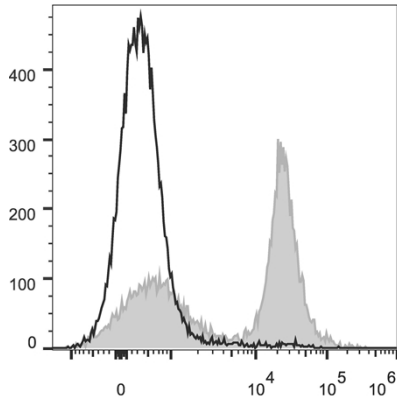
### Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1  $\mu$ g/10<sup>6</sup>cells in 100  $\mu$ L volume].

### Data:

C57BL/6 murine splenocytes are stained with Anti-Mouse

CD16/32 Monoclonal Antibody(PE/Cyanine5.5 Conjugated)[Used at  $0.2 \mu\text{g}/10^6$  cells dilution](filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.



### Storage:

Keep as concentrated solution.

Store at  $2\sim 8^{\circ}\text{C}$  and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.