

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse CD16/32 Monoclonal Antibody(AF488  
Conjugated)

**Catalog:** DL20154F

**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:**

**Host:** Rat

50Tests/100Tests/100Tests $\times$ 2

**Reactivity:** Mouse

**Application:** FCM

**Concentration:** 5  $\mu$ L

**Conjugation:** AF488

**SwissProt:**

P08101,P08508,Q5D5I8,Q5D5J5,Q7TMW9,Q9ES9  
2

**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. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

**Storage:**

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.