

# PerCP/Cyanine5.5 Mouse anti-Human CD11b mAb

Catalog No.: A28595

## Basic Information

### Observed MW

### Calculated MW

127 kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

AMC10008R

### Conjugate

PerCP-Cy5.5. Ex:482nm. Em:695nm.

## Background

This gene encodes the integrin alpha M chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as macrophage receptor 1 ('Mac-1'), or inactivated-C3b (iC3b) receptor 3 ('CR3'). The alpha M beta 2 integrin is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles. Multiple transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Immunogen Information

### Gene ID

3684

### Swiss Prot

P11215

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Mouse

### Isotype

IgG

### Purification

Affinity purification

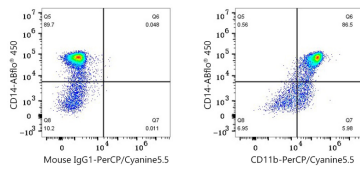
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data

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Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human CD14 mAb (A25196, 5  $\mu$ l/Test) and PerCP/Cyanine5.5 Mouse IgG1 isotype control (5  $\mu$ l/Test, left) or PerCP/Cyanine5.5 Mouse anti-Human CD11b mAb (A28595, 5  $\mu$ l/Test, right). Cells in the monocyte gate were used for analysis.