

# APC Mouse anti-Human CD11c mAb

Catalog No.: A27961

## Basic Information

### Observed MW

**Calculated MW**  
128kDa

**Category**  
Primary antibody

**Applications**  
FC

**Cross-Reactivity**  
Human

**CloneNo number**  
AMC0552

**Conjugate**  
APC. Ex:650nm. Em:660nm.

## Background

This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles. Two 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

<b>Gene ID</b> 3687	<b>Swiss Prot</b> P20702
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### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

CD11C; SLEB6

## Contact

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## Product Information

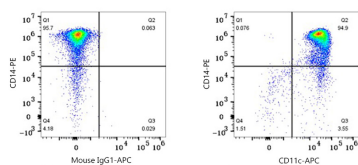
<b>Source</b> Mouse	<b>Isotype</b> IgG	<b>Purification</b> Affinity purification
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### Storage

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: 1X10<sup>6</sup> Human PBMC were surface-stained with PE Rabbit anti-Human/Monkey CD14 mAb (A25938, 5 µl/Test) and APC Mouse IgG1 isotype control (5 µl/Test, left) or APC Mouse anti-Human CD11c mAb (A27961, 5 µl/Test, right). Cells in the monocyte gate were used for analysis.