

## PE/Cyanine7 Anti-Mouse CD16/32 Antibody[2.4G2]

**Catalog Number:** E-AB-F0997UH

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

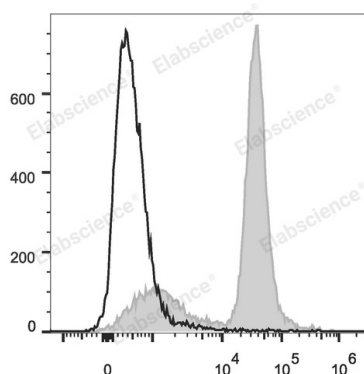
<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2b, $\kappa$
<b>Clone No.</b>	2.4G2
<b>Isotype Control</b>	PE/Cyanine7 Rat IgG2b, $\kappa$ Isotype Control[LTF-2] [Product E-AB-F09843H]
<b>Conjugation</b>	PE/Cyanine 7
<b>Conjugation Information</b>	PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm (e.g., a 780/60 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Applications

### Recommended usage

<b>FCM</b>	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 $\mu\text{g}/10^6$ cells in 100 $\mu\text{L}$ volume].
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### Data



C57BL/6 murine splenocytes are stained with PE/Cyanine7 Anti-Mouse CD16/32 Antibody (filled gray histogram) or Rat IgG2b Isotype Control PE/Cyanine7 (empty black histogram).

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	CD16a/b;CD32;CD32A/B;FCG2A;FCGR2A/BFCGR3;FCGR3A/B;Fc fragment of IgG low affinity IIIa/b receptor;Fc fragment of IgG low affinity IIIb receptor;Fc fragment of IgG low affinity IIa/b receptor;Fc gamma RIla/bFc gamma receptor III A/B;FcGR
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### For Research Use Only

<b>Uniprot ID</b>	P08508;P08101
<b>Gene ID</b>	14130,14131
<b>Background</b>	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.

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