

## Purified Anti-Human CD16 Antibody[3G8]

<b>Catalog No.</b>	E-AB-F1236A	<b>Reactivity</b>	Human
<b>Storage</b>	Store at 2~8°C, Avoid freeze / thaw cycles	<b>Applications</b>	FCM,Block

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

## Antigen Information

<b>Uniprot ID</b>	P08637,O75015
<b>Gene ID</b>	941
<b>Background</b>	CD16 is a 60 kD highly glycosylated protein. It is a member of the Ig superfamily and is also known as B7-1, B7, and Ly-53. CD16 is constitutively expressed on dendritic cells and monocytes/macrophages, and inducibly expressed on activated B and T cells. The ligation of CD28 on T cells with CD16 and CD86 (B7-2) on antigen presenting cells (such as dendritic cells, macrophages, and B cells) elicits co-stimulation of T cells resulting in enhanced cell activation, proliferation, and cytokine production. CD16 appears to be expressed later in the immune response than CD86. CD16 can also bind to CD152, also known as CTLA-4, to deliver an inhibitory signal to T cells.

## Product Details

<b>Form</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	25µg/100µg
<b>Clone No.</b>	3G8
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, κ
<b>Reactivity</b>	Human
<b>Application</b>	FCM,Block
<b>Isotype Control</b>	<a href="#">Purified Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793A]</a>
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Shipping</b>	Biological ice pack at 4 °C
<b>Stability &amp; Storage</b>	Keep as concentrated solution. Store at 2~8°C .Do not freeze. This product is guaranteed up to one year from purchase.

## Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 0.5 \mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{L}$  volume or 100  $\mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

## Related Information

1. 流式细胞术样本制备技术 <https://www.elabscience.cn/List-detail-10425.html>
2. 流式细胞表面染色步骤 <https://www.elabscience.cn/List-detail-10423.html>
3. 流式实验常见问题及解决方案 <https://www.elabscience.cn/List-detail-5690.html>
4. 如何通过光谱图选择合适的检测通道？ <https://www.elabscience.cn/List-detail-16891.html>