

**Purified Anti-Mouse CD16 / CD32 (2.4G2) Antibody**  
**Catalog # ATB10302****Specification****Purified Anti-Mouse CD16 / CD32 (2.4G2) Antibody - Product Information**

Application	IF, FC, IP
Isotype	Rat IgG2b
Concentration	0.5 mg/mL
Reactivity	Mouse
Formulation	10 mM NaH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, 0.09% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , pH7.2
Host	Rat

**Purified Anti-Mouse CD16 / CD32 (2.4G2) Antibody - Additional Information**

Gene ID	14130
Gene Name	Fcgr2
<b>Alternative Name(s)</b>	
FCGR3, IGFR3; FCGR2, IGFR2; FC Receptor	

**Format**

Purified

**Preparation**

This monoclonal antibody preparation was purified from tissue culture supernatant via affinity chromatography. For In Vivo Ready™ (IVR) products, each preparation is also evaluated for endotoxin levels using the LAL assay. It is recommended to store the product undiluted at 4°C. Do not freeze.

**Application Notes**

This purified format is guaranteed to be >90% pure as determined by SDS-PAGE analysis. Citations are provided as a convenience to you - please consult Materials and Methods sections for additional details about the use of any product in these publications.

**Storage Conditions**

2-8°C

**Purified Anti-Mouse CD16 / CD32 (2.4G2) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

### **Purified Anti-Mouse CD16 / CD32 (2.4G2) Antibody - Images**

### **Purified Anti-Mouse CD16 / CD32 (2.4G2) Antibody - Background**

The 2.4G2 antibody is specific for a common epitope found in the extracellular regions of mouse Fc-receptors Fc-gamma II (CD32) and Fc-gamma III (CD16). As these are receptors for the Fc portion of mouse IgG, they may also bind laboratory antibody preparations and products used in a variety of cell analysis protocols such as flow cytometry, immunohistochemistry and functional cell assays. The 2.4G2 antibody is therefore widely used as a pre-treatment reagent to block binding of specific antibodies of interest, e.g. fluorescently conjugated antibodies, to Fc receptors via their Fc domains and contributing to “non-specific” staining.