

**In Vivo Ready™ Anti-Mouse CD16 / CD32 (2.4G2) Antibody**  
**Catalog # ATB10143****Specification****In Vivo Ready™ Anti-Mouse CD16 / CD32 (2.4G2) Antibody - Product Information**

Application	IF, FC, IP, FA
Isotype	Rat IgG2b
Concentration	2 mg/mL
Reactivity	Mouse
Formulation	10 mM NaH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, pH7.2
Host	Rat

**In Vivo Ready™ Anti-Mouse CD16 / CD32 (2.4G2) Antibody - Additional Information**

Gene ID **14130**

Gene Name **Fcgr2**

**Alternative Name(s)**

FCGR3, IGFR3; FCGR2, IGFR2; FC Receptor

**Format**

In Vivo Ready™

**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.

**Endotoxin Level**

Less than or equal to 0.01 EU/ug, as determined by the LaL assay

**Storage Conditions**

2-8°C

**In Vivo Ready™ 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](#)

**In Vivo Ready™ Anti-Mouse CD16 / CD32 (2.4G2) Antibody - Images****In Vivo Ready™ 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.