

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 ₂ PO ₄ , 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.