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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 NaH2PO4, 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 Cytomety
- 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.