

## CD16 + CD32 antibody [2.4G2]

Cat. No. GTX01453

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Application	FACS, IP, Neutralizing/Inhibition
Reactivity	Mouse

Reference ( 283 )

Package

100 µg

## PRODUCT

## Summary

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.

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FACS	Assay dependent
IP	Assay dependent
Neutralizing/Inhibition	Assay dependent
Not tested in other applications.	

**Calculated MW** 37 kDa. ( [Note](#) )

## PROPERTIES

Form	Liquid
Buffer	10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Purity	> 90% (determined by SDS-PAGE)



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<b>Conjugation</b>	Unconjugated
<b>Note</b>	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p>



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