

CD16 + CD32 antibody [2.4G2] (PE-Cy7)

Cat. No. GTX01453-10

| | |
|---------------------|------------|
| Host | Rat |
| Clonality | Monoclonal |
| Isotype | IgG2b |
| Applications | FCM |
| Reactivity | Mouse |

References (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.

Applications

Application Note

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

Suggested dilution

FCM

Recommended dilution

Assay dependent

Not tested in other applications.

Properties

Form Liquid

Buffer 10mM NaH₂PO₄, 150mM NaCl, 0.1% Gelatin

Preservative 0.09% Sodium azide

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.

Concentration 0.2 mg/ml (Please refer to the vial label for the specific concentration.)

Purification Purified by affinity chromatography
From tissue culture supernatant

Conjugation Phycoerythrin-Cyanine7 (PE-Cy7) [Wavelength](#)

Note

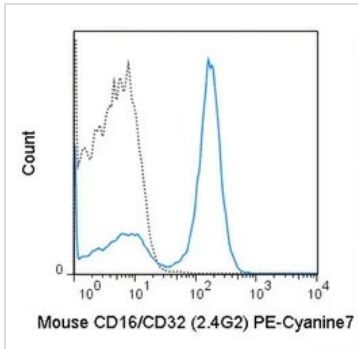
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DATA IMAGES

**GTX01453-10 FCM Image**

FACS analysis of mouse C57Bl/6 splenocytes using GTX01453-10 CD16 + CD32 antibody [2.4G2] (PE-Cy7).

Solid line : primary antibody

Dashed line : isotype control

antibody amount : 0.25 μ g (5 μ l)



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