CD16 + CD32 antibody [2.4G2] (FITC)

Cat. No. GTX01453-06

Host	Rat	References (283) Package 100 μg
Clonality	Monoclonal	
lsotype	lgG2b	
Applications	FCM	
Reactivity	Mouse	

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	Recommended dilution
FCM	Assay dependent

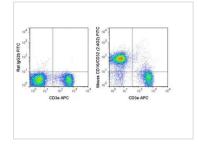
Not tested in other applications.

Properties	
Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 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	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Fluorescein isothiocyanate (FITC) Wavelength
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
note	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.



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DATA IMAGES



GTX01453-06 FCM Image

FACS analysis of mouse C57Bl/6 splenocytes using GTX01453-06 CD16 + CD32 antibody [2.4G2] (FITC). Right panel : co-stained with CD16 + CD32 antibody [2.4G2] (FITC) and Mouse CD3e antibody (APC) Left panel : co-stained with isotype control and Mouse CD3e antibody (APC) antibody amount : 0.25 μg (5 μl)



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