CD40L / CD154 antibody [MR1] (PE)

Cat. No. GTX01485-08

Host	Armenian Hamster
Clonality	Monoclonal
Isotype	IgG
Applications	FCM
Reactivity	Mouse

References (4)
Package
100 µg

PRODUCT

Summary

The MR1 antibody is specific for mouse CD154, a 39 kD glycoprotein that is primarily expressed on activated T cells. CD154 (CD40 ligand, gp39) binds to CD40 expressed on antigen presenting cells and mediates important costimulatory functions between these cells. Signals generated via cognate interactions between CD154-CD40 on activated T and B cells are required for T-dependent B cell responses. The MR1 antibody is reported to block interaction of CD154 with CD40.

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_2PO_4, 150mM NaCl, 0.1% Gelatin
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4ºC. 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 (PE) 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. 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.

For full product information, images and publications, please visit our website.

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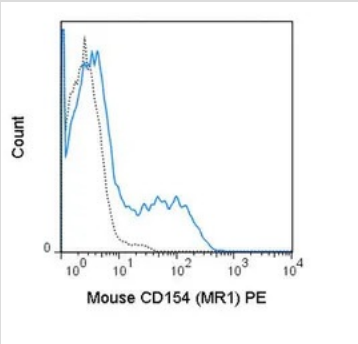
DATA IMAGES



GTX01485-08 FCM Image

FACS analysis of mouse C57Bl/6 T cells (enriched from total splenocytes, with PMA and Ionomycin stimulation for 6 hrs) using GTX01485-08 CD40L / CD154 antibody [MR1] (PE).
Solid lone : primary antibody
Dashed line : isotype control
antibody amount : 0.06 µg (5 µl)

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