

CD11b/c equivalent antibody [OX 42] (FITC)

Cat. No. GTX21212

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	IHC-P, IHC-Fr, FCM
Reactivity	Rat

References (3)

Package

100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
IHC-P	neat-1:20
IHC-Fr	Assay dependent
FCM	neat-1:20 (10 µl) for 10 ⁶ cells

Not tested in other applications.

Product Note

Recognises a common epitope shared by CD11b/c and precipitates three polypeptides of Mw160kD, 103kD and 95kD; a fainter band may also be seen at 133kD. It reacts with all macrophages in the peritoneal cavity, activated macrophages and Kupffer cells, but with only 35% of alveolar macrophages. It also binds to all granulocytes and to dendritic cells, cells with microglial morphology in brain, sparse thymic cortical cells and epidermal Langerhans cells. It inhibits complement mediated rosettes.

Properties

Form	Liquid
Buffer	PBS
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. Protect from light.
Concentration	0.1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Rat macrophages
Purification	IgG fraction
Conjugation	Fluorescein isothiocyanate (FITC) Wavelength



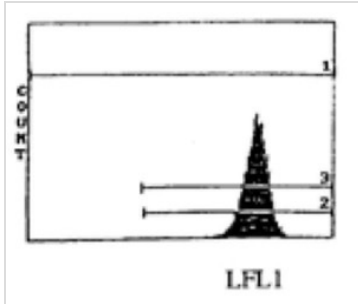
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Note

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DATA IMAGES

**GTX21212 FCM Image**

Staining of rat peritoneal macrophages using CD11b: FITC antibody (GTX21212) and FITC mouse IgG2a isotype control



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