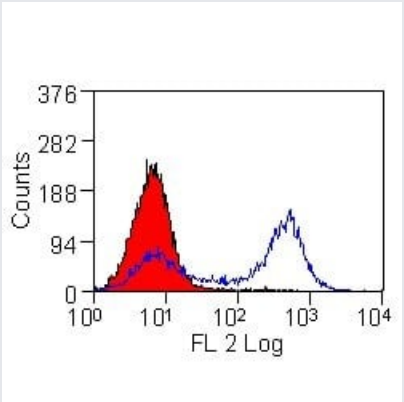
MOUSE SEROBLOCK FCR Accessory Reagent

PRODUCT OVERVIEW

Product Name	MOUSE SEROBLOCK FCR, Accessory Reagent
Full Product Name	MOUSE SEROBLOCK FcR
Isotype	IgG2b
Clone Number	FCR4G8
Form/Format	Reagent Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (lot specific)
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.
Perservative Stabilisers	0.09% Sodium Azide (NaN3) Preparation||Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant Instructions For Use||In order to reduce Fc-receptor mediated binding of test antibodies the following procedure is recommended:- 1) Incubate the cell suspension (1 x 106 cells in 100ul) with 1ug of this item (1ul of undiluted reagent, or 10ul of a 1/10 dilution) for 5-10 minutes. 2) Add test antibody according to manufacturers instructions - Do not wash This item off the cells. This item is suitable for use in conjunction with test antibodies from any manufacturer or with in-house antibodies.* 3) Proceed with staining as usual. * Care is needed in the design of experiments utilizing unconjugated anti-mouse antibodies, to ensure that the secondary antibody being used does not cross-react with SeroBlock FcR. MyBioSource supply a range of isotype specific anti-mouse immunoglobulin antibodies that may be useful for this purpose.
Immunogen	PU5 1.8 IOE7 Balb/c mouse cell line Buffer Solution||Phosphate buffered saline
Target Species	Mouse
Applications Tested/Suitable for MOUSE SEROBLOCK FCR accessory reagent	Flow cytometry (FC/FACS)
Related Product Information for MOUSE SEROBLOCK FCR accessory reagent	MBS238295 is a rat antibody that recognises mouse CD16 and CD32, cell surface proteins also known as FcRgammaIII and FcRgammaII, respectively. The function of these proteins is to bind IgG molecules via their Fc regions as part of the adaptive immune response. CD16 and/or CD32 are expressed by a wide variety of cells, including monocytes, macrophages, B lymphocytes, granulocytes, NK cells, dendritic cells and some activated T lymphocytes. The expression of CD16/CD32 antigens can lead to non-specific binding of test monoclonal antibodies in staining procedures, resulting in œhigh background• staining on a wide range of cells. This non-specific binding may be blocked by pre-incubation of target cells with MBS238295, resulting in clearer staining. For direct analysis of CD16/32 expression this antibody is also available conjugated directly to FITC (MBS210943), AlexaFluor488 (MBS212682A488), AlexaFluor647 (MBS212682A647), Biotin (MBS210447) and RPE (MBS213784).
Other Notes	Small volumes of MOUSE SEROBLOCK FCR accessory reagent vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for MOUSE SEROBLOCK FCR purchase	MBS238295 is an accessory reagent targeting MOUSE SEROBLOCK FCR.



Testing Data #2 of MOUSE SEROBLOCK FCR accessory reagent
Hamster anti Mouse TCR Gamma/DeltaRPE antibody (MBS213590) staining mouse spleen cells in the absence (blue line) and presence (red histogram) of SeroBlock FcR (MBS238296)

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/accessory-reagent/mouse-seroblock-fcr/238295