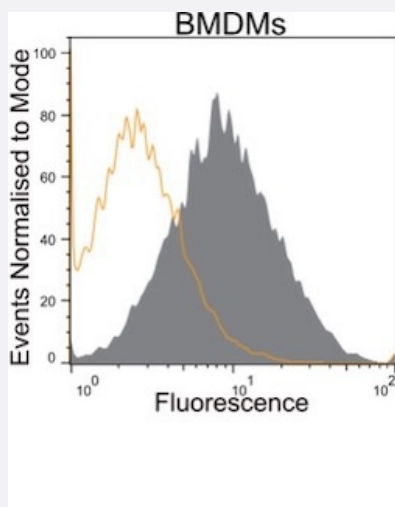


RecomAb™

## Fcgr2b recombinant monoclonal antibody, clone 2.4G2

Catalog # RAB03173      Size 200 ug

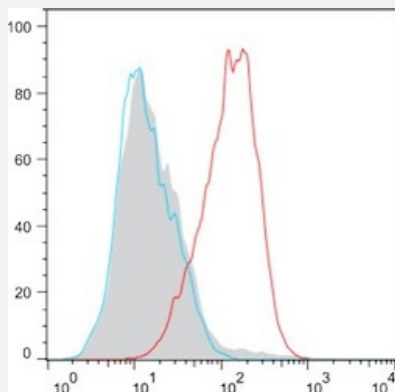
### Applications



#### Blocking

Blocking of Fc-receptors with Fcgr2b recombinant monoclonal antibody, clone 2.4G2 (Cat # RAB03173).

Ex vivo murine (C57BL6/J) monocytes and neutrophils (from zymosan-elicited peritoneal exudate- left and middle panel) as well as bone marrow-derived macrophages (BMDMs- right panel) were stained with a murine anti-human antibody (fluorescently IAF647) human-specific anti-CD16) with or without pre-incubation with RAB03173. Pre-incubation of cells with RAB03173 reduced non-specific binding of the fluorescently antibody to all cell types analysed and shows that RAB03173 acts as an Fc-blocking reagent.



#### Flow Cytometry

Flow cytometric analysis of murine macrophages with Fcgr2b recombinant monoclonal antibody, clone 2.4G2 (Cat # RAB03173)

Murine bone marrow-derived macrophages (BMDMs) were stained with RAB03173(as well as isotype control) and bound antibody detected using goat IgG anti-rat IgG (H&L-chain) polyclonal antibody directly conjugated to Alexa Fluor® 647(AF647) commercially available from a competitor. Compared to the isotype control and secondary-only control- a CD16/32-positive population is apparent.

### Specification

#### Product Description

Rat recombinant monoclonal antibody raised against mouse Fcgr2b.

#### Antibody Species

Rat

#### Immunogen

Original antibody is raised against mouse BALB/c Macrophage J774 Cell Line.

Reactivity	Mouse
Form	Liquid
Isotype	IgG2b kappa
Recommend Usage	Blocking Flow Cytometry Immunofluorescence Immunohistochemistry Immunoprecipitation The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Blocking

Blocking of Fc-receptors with Fcgr2b recombinant monoclonal antibody, clone 2.4G2 (Cat # RAB03173).

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## Gene Info — Fcgr2b

Entrez GeneID	<a href="#">14130</a>
Gene Name	Fcgr2b
Gene Alias	AI528646, CD32, F630109E10Rik, Fc[g]RII, FcgRII, Fcgr2, Fcgr2a, Fcr-2, Fcr-3, Ly-17, Ly-m20, LyM-1, Lym-1
Gene Description	Fc receptor, IgG, low affinity IIb
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	IgG
Other Designations	Fc gamma RIIB Fc-gamma-RII FcgammaRIIB OTTMUSP00000024374 OTTMUSP00000024375