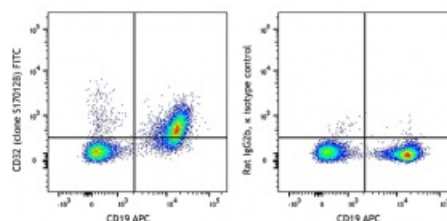


FITC anti-mouse CD32 (Fcgr2)

Catalog # /	1382040 / 100 µg
Size:	1382035 / 25 µg
Clone:	S17012B
Isotype:	Rat IgG2b, κ
Immunogen:	Mouse CD32 transfected cells
Reactivity:	Mouse
Preparation:	The antibody was purified by affinity chromatography and conjugated with FITC under optimal conditions.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Workshop Number:	V-CD28.05
Concentration:	0.5 mg/mL



C57BL/6 mouse splenocytes were stained with anti-mouse CD19 APC and anti-mouse CD32 (Fcgr2) (clone S17012B) FITC (left) or anti-rat IgG2b, κ FITC isotype control (right).

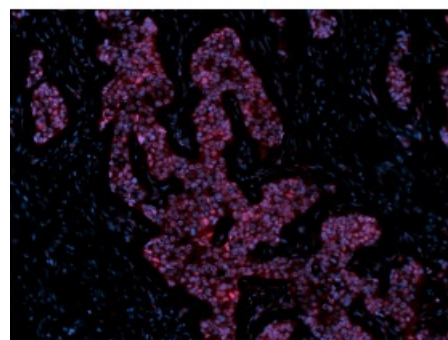
Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 1.0 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Additional reported applications (for the relevant formats) include: Western blotting¹ and immunofluorescence¹.

Application References: 1. Verjan Garcia N, *et al.* 2011. *J. Immunol.* 187:2268. (WB, IF)



Bend.3 mouse endothelial cells were stained with CD63 (clone NVG-2) FITC (filled histogram) or rat IgG2a, κ FITC isotype control (open histogram).

Description: CD32 (Fcgr2) is a 40 kD transmembrane glycoprotein, member of the immunoglobulin superfamily. The extracellular region of CD32 consists of two Ig C-type domains that binds the Fc region from monomeric IgG with low affinity, but binds immune complexes efficiently. CD32 can mediate phagocytosis of immune complexes and modulate cell activation. CD32 is expressed by Macrophages, neutrophils, mast cells and B cells.

Antigen
References:

1. Negishi-Koga T, *et al.* 2015. *Nat Commun.* 6:6637
2. Yamada DH, *et al.* 2015. *Immunity.* 42:379
3. Clatworthy MR, *et al.* 2014. *Nat Med.* 20:1458
4. Li F and Ravetch JV. 2011. *Science.* 333:1030
5. Xiang Z, *et al.* 2007. *Nat Immunol.* 8:419