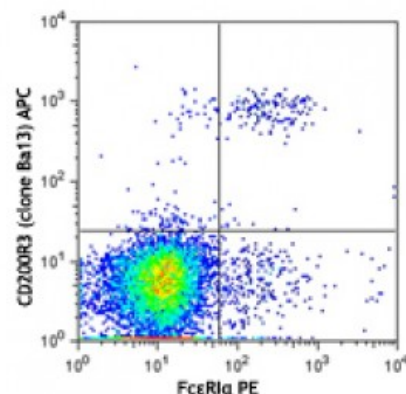


APC anti-mouse CD200R3

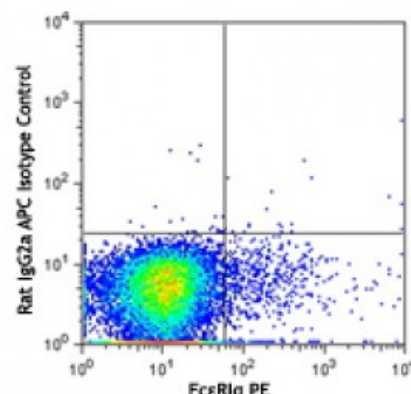
Catalog # / Size:	1311040 / 100 µg 1311035 / 25 µg
Clone:	Ba13
Isotype:	Rat IgG2a, κ
Immunogen:	Mouse primary basophils
Reactivity:	Mouse
Preparation:	The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.2



C57BL/6 mouse peripheral blood leukocytes were stained with FcεR1α PE and CD200R3 (clone Ba13) APC (top) or rat IgG2a APC isotype control (bottom). Data shown were gated on myeloid cells population.

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 ≤0.25 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.
Application Notes:	Ba13 recognizes circulating and bone marrow basophils; it also recognizes a subset of mast cells in the peritoneal cavity and skin. Additional reported applications (for the relevant formats) include: stimulation of bone marrow derived basophils to produce IL-4.



Description:	CD200R3, also known as CD200RLb and OX-2 Receptor 3, is a disulfide-linked dimeric CD200R-like receptor which belongs to immunoglobulin superfamily. Its positively charged amino acid lysine associates with ITAM- or YxxM motif-bearing adaptor molecules such as DAP12, DAP10, FcRγ, and CD3ζ. CD200R3 functions as an activating receptor to regulate IgE independent immune response.
Antigen References:	1. Voehringer D, <i>et al.</i> 2004. <i>J. Biol. Chem.</i> 279:54117. 2. Kojima T, <i>et al.</i> 2007. <i>J. Immunol.</i> 179:7093. 3. Sato K, <i>et al.</i> 2009. <i>Blood</i> 113:4780.