

CD200R3 Monoclonal Antibody (Ba13), PE-Cyanine7, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2a, kappa
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), PE-Cyanine7, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	Ba13
Conjugate	PE-Cyanine7
Excitation/Emission Max	569/780 nm
Immunogen	Mouse primary basophils
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4°C, store in dark, DO NOT FREEZE!
RRID	AB_2848310

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.25 µg/test	-

Product Specific Information

Description: This Ba13 monoclonal antibody recognizes mouse CD200R3, a surface receptor expressed by basophils and mast cells.

Applications Reported: This Ba13 antibody has been reported for use in flow cytometric analysis.

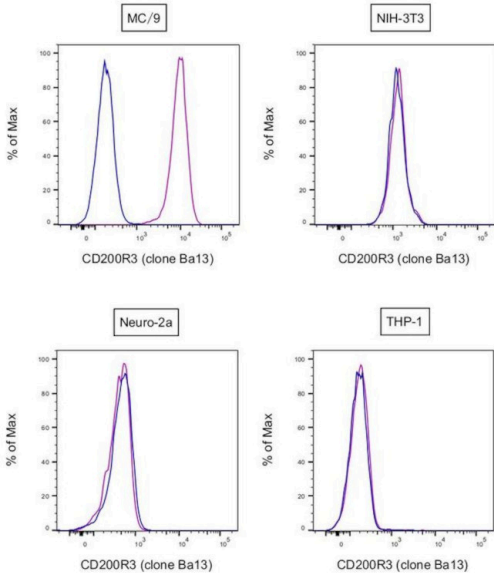
Applications Tested: This Ba13 antibody has been tested by flow cytometric analysis of the MC/9 cell line. This may be used at less than or equal to 0.25 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Light sensitivity: This tandem dye is sensitive to photo-induced oxidation. Please protect this vial and stained samples from light.

Fixation: Samples can be stored in IC Fixation Buffer (Product # 00-8222-49) (100 µL of cell sample + 100 µL of IC Fixation Buffer) or 1-step Fix/Lyse Solution (Product # 00-5333-57) for up to 3 days in the dark at 4°C with minimal impact on brightness and FRET efficiency/compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.

Excitation: 488-561 nm; **Emission:** 775 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

Product Images For CD200R3 Monoclonal Antibody (Ba13), PE-Cyanine7, eBioscience™

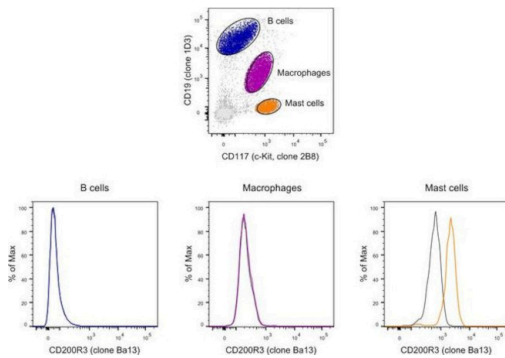


CD200R3 Antibody (25-2001-82)

Staining on four indicated cell lines. As expected, clone Ba13 stained only MC/9 cells, a cell line derived from mouse liver mast cells, which is consistent with the expression of CD200R3 by this cell line. Clone Ba13 did not stain NIH-3T3, a mouse embryonic fibroblast cell line, Neuro-2a, a mouse neuroblastoma cell line, and THP-1, a human monocytic cell line, which are known not to express CD200R3. Details: The indicated cell lines were stained with Rat IgG2a, kappa isotype control (clone eBR2a, blue histograms) or CD200R3 (clone Ba13, purple histograms) and analyzed by flow cytometry. {RE}

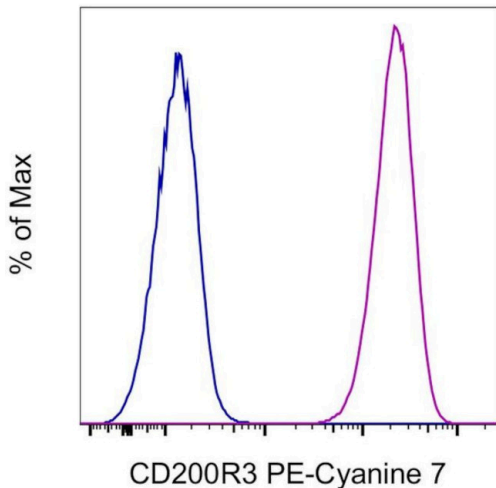
CD200R3 Antibody (25-2001-82)

Staining on mouse resident peritoneal cells. As expected, based on the known expression pattern, clone Ba13 stained only mast cells and did not stain B cells and macrophages. Details: Balb/c resident peritoneal exudate cells were stained with CD19 (clone 1D3), CD117 (c-Kit, clone 2B8), and either Rat IgG2a, kappa isotype control (grey histograms) or CD200R3 (clone Ba13) (blue, purple and orange histograms). The cells were gated on indicated populations (top histogram). {RE}



CD200R3 Antibody (25-2001-82) in Flow

MC/9 cells were stained with 0.125 µg of Rat IgG2a kappa Isotype Control, PE-Cyanine7 (Product # 25-4321-82) (blue histogram) or 0.125 µg of CD200R3 Monoclonal Antibody, PE-Cyanine7 (purple histogram). Total viable cells were used for analysis, as determined by Fixable Viability Dye eFluor 450 (Product # 65-0863-18).



For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.