

A Reliable Research Partner in Life Science and Medicine

PE/Elab Fluor® 594 Anti-Mouse CD170 Antibody[S17007L]

Catalog Number: AN00629P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse
Host Rat

 Isotype
 Rat IgG1, κ

 Clone No.
 S17007L

Isotype Control PE/Elab Fluor® 594 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822P]

Conjugation PE/Elab Fluor® 594

Conjugation Information PE/Elab Fluor® 594 is designed to be excited by the blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 620 nm

(e.g., a 610/20 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

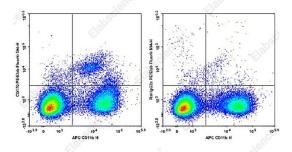
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



Staining of C57BL/6 murine bone marrow cells with APC Anti-Mouse/Human CD11b Antibody and PE/Elab Fluor® 594 Anti-Mouse CD170 Antibody[S17007L] (left) or PE/Elab Fluor® 594 Rat IgG1, κ Isotype Control (right). Total viable cells were used for analysis.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names OBBP2;CD33L2;OB-BP2;Siglec-F

Uniprot ID Q920G3

For Research Use Only

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Gene ID Background 8778

CD170, also known as Siglec-F, Siglec-5, is a member of the Sialic acid-binding Ig-like lectin family, type I single pass transmembrane protein, with 4 extracellular Ig-like domains and 2 ITIM motifs in the cytoplasmic domain; preferentially binds [alpha]-2,3-linked sialic acid. Siglec F is expressed in eosinophils, alveolar macrophages and intestinal microfold (M) cells and induces apoptosis of the lung eosinophils during allergic asthma.