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# PE/Cyanine 5.5 Anti-Mouse CD170 Antibody [S17007L]

Catalog Number: AN006291

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

#### Description

Reactivity Mouse
Host Rat
Isotype Rating

IsotypeRat IgG1,  $\kappa$ Clone No.S17007L

Isotype Control PE/Cyanine5.5 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822I]

Conjugation PE/Cyanine 5.5

Conjugation Information PE/Cyanine5.5 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 690 nm

(e.g., a 690/50 nm bandpass filter).

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

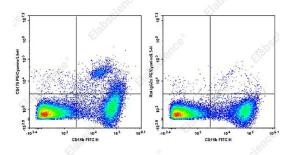
### Applications Recommended usage

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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ 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 FITC Anti-Mouse/Human CD11b Antibody and PE/Cyanine5.5 Anti-Mouse CD170 Antibody[S17007L] (left) or PE/Cyanine5.5 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  $^{\circ}\text{C}$  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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#### Elabscience Bionovation Inc.



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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.