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# APC Anti-Mouse CD170 Antibody[S17007L]

Catalog Number: AN00629E

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

#### Description

Reactivity Mouse Host Rat

IsotypeRat IgG1, κClone No.S17007L

Isotype Control APC Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822E]

**Conjugation** APC

**Conjugation Information** APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

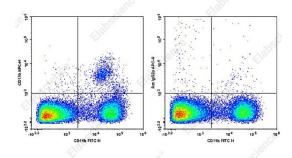
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### 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  $\mu$ 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 APC Anti-Mouse CD170 Antibody[S17007L] (left) or APC 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

Rev. V1.6

exposure to light and do not freeze.

Shipping Ice bag

#### **Antigen Information**

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

 Uniprot ID
 Q920G3

 Gene ID
 8778

# For Research Use Only

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#### Elabscience Bionovation Inc.

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## **Background**

Elabscience®

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.

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