

PE/Cyanine 7 Anti-Human CD110 Antibody[S16017E]

Catalog Number: AN01051H

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

Description

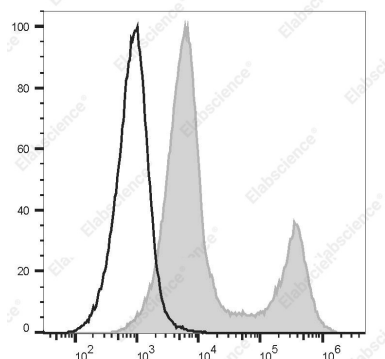
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2a
Clone No.	S16017E
Isotype Control	PE/Cyanine7 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802H]
Conjugation	PE/Cyanine 7
Conjugation Information	PE/Cyanine 7 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm (e.g., a 780/60 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 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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Data



Staining of the HEL cell line with PE/Cyanine 7 Anti-Human CD110 Antibody[S16017E] (filled gray histogram) or PE/Cyanine 7 Mouse IgG2a Isotype Control (empty black histogram). Total viable cells were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	TPOR;c-MPL;MPLV
Uniprot ID	P40238
Gene ID	4352

For Research Use Only

Background

CD110 is a type I transmembrane glycoprotein which functions as a receptor for thrombopoietin; binding causes the proliferation and differentiation of megakaryocytes in addition to the production of platelets and protection of stem cells from apoptosis. CD110 is primarily expressed on hematopoietic stem cells, hematopoietic precursor cells, cells of the megakaryocytic lineage, and platelets.