

Purified anti-human CD110

Catalog # / 2569005 / 25 µg
Size: 2569010 / 100 µg

Clone: S16017A

Isotype: Mouse IgG2b, κ

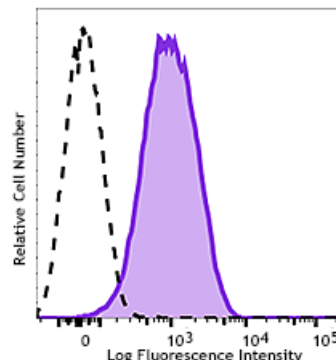
Immunogen: Human CD110 transfectants

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml



Resting human platelets were stained with purified anti-human CD110 (clone S16017A, filled histogram) or with purified mouse IgG2b, κ isotype control (open histogram), followed by PE goat anti-mouse IgG.

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.5 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References:

1. Ninos JM, et al. 2006. J. Transl. Med. 16:4-9.
2. Broudy VC, et al. 1996. Blood. 88:2026-32.
3. Wang X, et al. 2016. Blood. 127:3398-409.

Description: 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.

Antigen References:

1. Ninos JM, et al. 2006. J. Transl. Med. 16:4-9.
2. Broudy VC, et al. 1996. Blood. 88:2026-32.
3. Wang X, et al. 2016. Blood. 127:3398-409.