

PE anti-Mouse CD135 mAb

Catalog No.: A25669

Basic Information

Observed MW

Refer to figures

Calculated MW

113kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ATC0021

Conjugate

PE. Ex:565nm. Em:574nm.

Recommended Dilutions

FC The suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in $100 \mu\text{l}$ volume.

Background

Enables several functions, including phosphatidylinositol 3-kinase binding activity; protein tyrosine kinase activity; and ubiquitin protein ligase binding activity. Involved in several processes, including common myeloid progenitor cell proliferation; hemopoiesis; and lymphocyte proliferation. Acts upstream of or within several processes, including dendritic cell homeostasis; hematopoietic or lymphoid organ development; and regulation of cytokine production. Located in external side of plasma membrane. Is expressed in several structures, including brain; dorsal aorta; immune system; reproductive system; and spinal cord. Used to study acute myeloid leukemia and juvenile myelomonocytic leukemia. Human ortholog(s) of this gene implicated in acute lymphoblastic leukemia; acute myeloid leukemia; colorectal adenocarcinoma; hepatocellular carcinoma; and prostate cancer. Orthologous to human FLT3 (fms related receptor tyrosine kinase 3).

Immunogen Information

Gene ID

14255

Swiss Prot

Q00342

Immunogen

Mouse Flt3 transfected cell line

Synonyms

Flk2; Ly72; wmf1; CD135; Flk-2; Flt-3; B230315G04

Contact

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Product Information

Source

Rat

Isotype

Rat IgG2a, κ

Purification

Affinity purification

Storage

Store at 4°C . Avoid freeze / thaw cycles.

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