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PE anti-Mouse CD45.1 Antibody

Catalog No.: A28523

Basic Information

Observed MW

Calculated MW
130 kDa/140 kDa/144 kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
AMC0906

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

Background

Enables several functions, including heparan sulfate proteoglycan binding activity; heparin binding activity; and protein tyrosine phosphatase activity. Involved in several processes, including lymphocyte differentiation; positive regulation of macromolecule metabolic process; and regulation of signal transduction. Acts upstream of or within several processes, including lymphocyte differentiation; positive regulation of lymphocyte activation; and regulation of protein phosphorylation. Located in external side of plasma membrane; focal adhesion; and membrane raft. Is expressed in several structures, including 3rd branchial arch; alimentary system; cardiovascular system; hemolymphoid system; and placenta. Used to study systemic lupus erythematosus. Human ortholog(s) of this gene implicated in hepatitis C; multiple sclerosis; severe combined immunodeficiency; and severe combined immunodeficiency, autosomal recessive, T cell-negative, B cell-positive, Nk cell-positive. Orthologous to human PTPRC (protein tyrosine phosphatase receptor type C).

Recommended Dilutions

FC	0.25 μg per million cells in 100 μl volume

Immunogen Information

Gene ID
19264

Swiss Prot
P06800

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
loc; B220; Cd45; L-CA; Ly-5; T200; CD45R; Lyt-4

Contact

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Product Information

Source
Mouse

Isotype
Mouse (A.SW) IgG2a, κ

Purification
Affinity purification

Storage
Store at -20℃