

ABflo® 594 Rabbit anti-Mouse CD45

Catalog No.: A23709

Basic Information

Observed MW

Calculated MW

130KDa/140KDa/144KDa

Category

Primary antibody

Applications

IF/ICC,FC

Cross-Reactivity

Mouse

CloneNo number

ARC60962

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

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

IF/ICC 1:50 - 1:200

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

19264

Swiss Prot

P06800

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

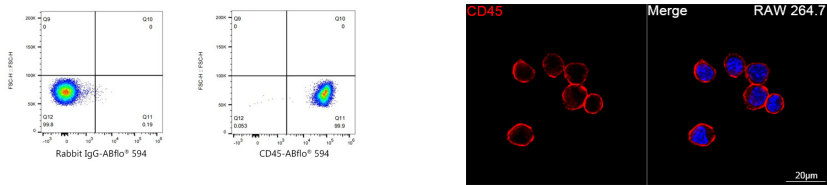
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Flow cytometry:1X10⁶ C57BL/6 mouse splenocytes were surface-stained with ABflo® 594 Rabbit IgG isotype control (5 µl/Test,left) or ABflo® 594 Rabbit anti-Mouse CD45 mAb (A23709,5 µl/Test,right).

Confocal imaging of RAW 264.7 cells using ABflo® 594 Rabbit anti-Mouse CD45 mAb (A23709, dilution 1:50). Objective: 100x.