

# ABflo® 450 anti-Mouse CD45.1 Antibody

Catalog No.: A28525

## Basic Information

### Observed MW

### Calculated MW

130 kDa/140 kDa/144 kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

AMC0907

### Conjugate

ABflo® 450. Ex:406nm. Em:445nm.

## Recommended Dilutions

FC 1 µg per million cells in  
100 µl volume

## 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).

## 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

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Mouse

### Isotype

Mouse (A.SW) IgG2a, κ

### Purification

Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide and BSA ,pH7.2.