ABflo® 488 Rabbit anti-Mouse CD6 mAb

Catalog NO.: A25563

Basic Information

Observed MW

Calculated MW
64kDa/68kDa/72kDa

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Mouse

Conjugation
ABflo® 488. Ex:491nm. Em:516nm.

Clone number
ARC66616

Background

Predicted to enable several functions, including identical protein binding activity; lipopolysaccharide binding activity; and lipoteichoic acid binding activity. Predicted to be involved in several processes, including heterophilic cell-cell adhesion via plasma membrane cell adhesion molecules; lipopolysaccharide-mediated signaling pathway; and positive regulation of macromolecule metabolic process. Predicted to act upstream of or within cell adhesion. Predicted to be located in immunological synapse. Predicted to be spanning component of plasma membrane. Predicted to be part of T cell receptor complex. Predicted to be active in external side of plasma membrane. Orthologous to human CD6 (CD6 molecule).

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
12511

Swiss Prot
Q61003

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

Synonyms
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Myomorpha; Muroidea; Muridae; Murinae; Mus; Mus

Contact

Product Information

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service@abclonal.com
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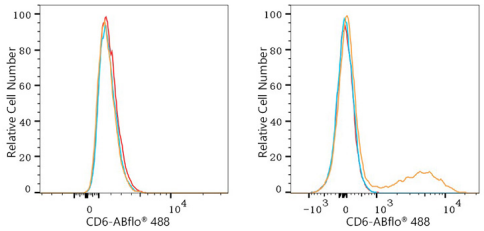
Source
Rabbit

Isotype
IgG

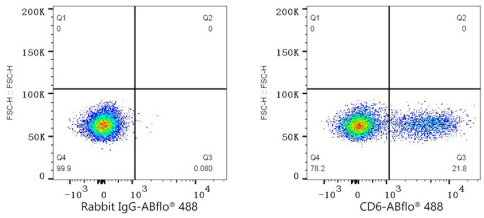
Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1X10^6 NIH/3T3 cells (negative control,left) and C57BL/6 mouse Splenocytes (right) were surface-stained with ABflo® 488 Rabbit anti-Mouse CD6 mAb (A25563,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 C57BL/6 mouse Splenocytes were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Mouse CD6 mAb (A25563,5 µl/Test,right).

For research use only. Not for therapeutic or diagnostic purposes.

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