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ABflo® 488 Rabbit anti-Human CD239/BCAM mAb

Catalog No.: A23744

Basic Information

Observed MW

Calculated MW
67kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC61168

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

Background

This gene encodes Lutheran blood group glycoprotein, a member of the immunoglobulin superfamily and a receptor for the extracellular matrix protein, laminin. The protein contains five extracellular immunoglobulin domains, a single transmembrane domain, and a short C-terminal cytoplasmic tail. This protein may play a role in epithelial cell cancer and in vaso-occlusion of red blood cells in sickle cell disease. Polymorphisms in this gene define some of the antigens in the Lutheran system and also the Auberger system. Inactivating variants of this gene result in the recessive Lutheran null phenotype, Lu(a-b-), of the Lutheran blood group. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

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

Immunogen Information

Gene ID
4059

Swiss Prot
P50895

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

Synonyms
BCAM

Contact

400-999-6126

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Product Information

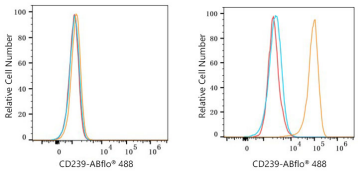
Source
Rabbit

Isotype
IgG

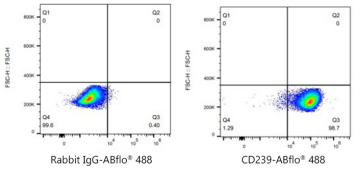
Purification
Affinity purification

Storage
Store at 2-8℃. 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 SH-SY5Y cells(Low Expression,left) and SK-BR-3 cells (right)were surface-stained with ABflo® 488 Rabbit anti-Human CD239/BCAM mAb(A23744,5 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 SK-BR-3 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD239/BCAM mAb(A23744,5 µl/Test,right).