

ABflo® 647 Rabbit anti-Human CD239/BCAM mAb

Catalog NO.: A23745

Basic Information

Observed MW

Calculated MW

67kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 647. Ex:648nm. Em:664nm.

Clone number

ARC61168

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 10⁶ 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; AU; CD239; LU; MSK19; basal cell adhesion molecule

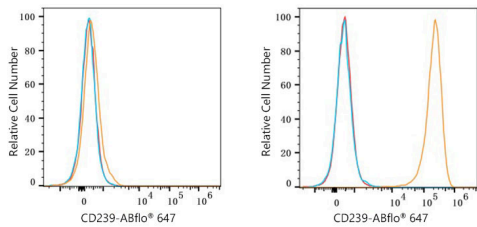
Contact

Product Information

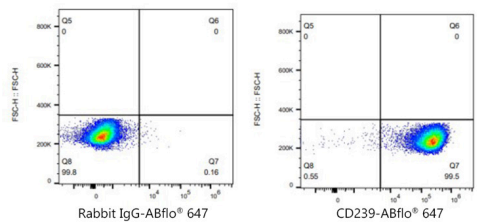
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry: 1X10⁶ SH-SY5Y cells(Low Expression,left) and SK-BR-3 cells (right)were surface-stained with ABflo[®] 647 Rabbit anti-Human CD239/BCAM mAb(A23745,5 µl/Test,orange line) or ABflo[®] 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line).Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:1X10⁶ SK-BR-3 cells were surface-stained with ABflo[®] 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo[®] 647 Rabbit anti-Human CD239/BCAM mAb(A23745,5 µl/Test,right).

