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12-90480: Anti-BCAM antibody(5B1), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	5B1
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	BCAM
Uniprot ID :	P50895
Alternative Name :	AU;CD239;LU;MSK19
Isotype :	Rabbit mAb

Description

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. [provided by RefSeq, May 2012]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

Flow Cyt 1/100

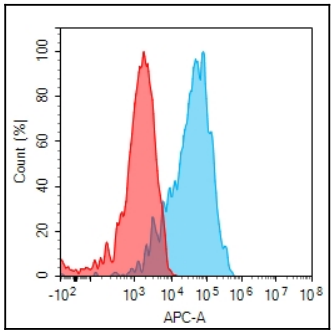


Figure 1. Flow cytometry analysis with 1µg/mL Anti-BCAM (5B1) mAb on HEK293 cells transfected with human BCAM (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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