

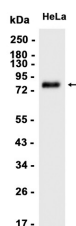
Recombinant BCAM/CD239 Monoclonal Antibody

catalog number: AN300587P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Rat BCAM/CD239 protein
Host	Rabbit
Isotype	IgG
Clone	B522
Purification	Affinity Purification
Buffer	0.2 µm filtered solution in PBS
Applications	Recommended Dilution
WB	1:1000-1:5000
IHC-P	1:200-1:500
ICC/IF	1:100

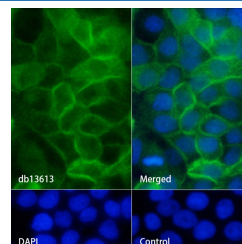
Data



Western blot analysis of extracts from HeLa cells at 1:1000.

Observed-MW: 85 kDa, 88 kDa

Calculated-MW: 67 kDa



Immunofluorescence analysis of A431 cells labelling CD239/BCAM. The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate(1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (shown in green). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage	
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.3

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]