BCAM monoclonal antibody, clone BRIC221

Catalog # MAB5244 Size 200 ug

Specification

Product Description	Mouse monoclonal antibody raised against native BCAM.
Immunogen	Native purified BCAM from human erythrocytes.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes a non-polymorphic determinant on both the 85 and 78kD Lutheran (Lu) glyc oproteins. BRIC 221 specifically recognizes an epitope in the fourth extracellular domain of Lu glycop rotein. CD239 is expressed by erythrocytes in the peripheral blood.
Form	Liquid
Isotype	IgG2b
Recommend Usage	Flow Cytometry (10ul of the suggested working dilution to label 10^6 cells or 100ul) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.5 (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Flow Cytometry

Gene Info — BCAM

Entrez GeneID	4059
Gene Name	BCAM
Gene Alias	AU, CD239, LU, MSK19
Gene Description	basal cell adhesion molecule (Lutheran blood group)
Omim ID	111200
Gene Ontology	Hyperlink
Gene Summary	Lutheran blood group glycoprotein is a member of the immunoglobulin superfamily and a receptor for the extracellular matrix protein, laminin. The protein contains five, N-terminus, 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	Auberger b antigen|B-CAM cell surface glycoprotein|B-cell adhesion molecule|F8/G253 antigen|Lutheran blood group (Auberger b antigen included)|antigen identified by monoclonal antibody F8|basal cell adhesion molecule|basal cell adhesion molecule (Lu and A

Disease

- Cardiovascular Diseases