



# CD239 Monoclonal Antibody

Catalog No	BYmab-14034
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	BCAM
Protein Name	Basal cell adhesion molecule
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human BCAM. AA range:191-240
Specificity	CD239 Monoclonal Antibody detects endogenous levels of CD239 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BCAM; LU; MSK19; Basal cell adhesion molecule; Auburger B antigen; B-CAM cell surface glycoprotein; F8/G253 antigen; Lutheran antigen; Lutheran blood group glycoprotein; CD239
Observed Band	78kD
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Wide tissue distribution (highest in the pancreas and very low in brain). Closely associated with the basal layer of cells in epithelia and the endothelium of blood vessel walls.
Function	cell adhesion, cell-matrix adhesion, biological adhesion, cell-substrate adhesion,
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

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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],

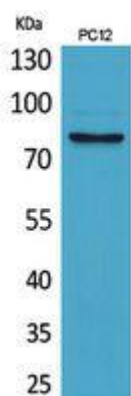
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using CD239 Monoclonal Antibody