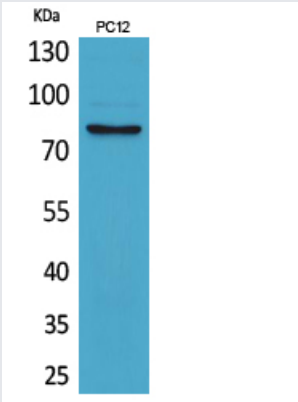
BCAM Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BCAM, Polyclonal Antibody
Full Product Name	BCAM Antibody
Product Gene Name	anti-BCAM antibody
Product Synonym Names	BCAM; LU; MSK19; Basal cell adhesion molecule; Auberger B antigen; B-CAM cell surface glycoprotein; F8/G253 antigen; Lutheran antigen; Lutheran blood group glycoprotein; CD239
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Concentration	1 mg/ml (lot specific)
Specificity	BCAM Antibody detects endogenous levels of BCAM protein.
Preparation and Storage	Store at -20 degree C for 1 year.
Molecular Weight	67
OMIM	X83425 mRNA
3D Structure	ModBase 3D Structure for P50895
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human BCAM.
Immunogen Range	191-240
Applications Tested/Suitable for anti-BCAM antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-BCAM antibody	WB: 1:500~1:1000 ELISA: 1:10000
Related Product Information for anti-BCAM antibody	MBS9507622 is an antibody targeting BCAM. Also known as BCAM Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-BCAM antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-BCAM antibody
Western Blot analysis of extracts from PC12 cells using BCAM Antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BCAM. It may not necessarily be applicable to this product.

NCBI GI #	61742797
NCBI GeneID	4059
NCBI Accession #	NP_001013275.1
UniProt Primary Accession #	P50895
UniProt Secondary Accession #	Q86VC7; A8MYF9; A9YWT5; A9YWT6
UniProt Related Accession #	P50895
GenBank Nucleotide #	NM_001013257.2
NCBI Official Full Name	basal cell adhesion molecule isoform 2
NCBI Official Synonym Full Names	basal cell adhesion molecule (Lutheran blood group)
NCBI Official Symbol	BCAM
NCBI Official Synonym Symbols	AU; LU; CD239; MSK19
UniProt Protein Name	Basal cell adhesion molecule
UniProt Synonym Protein Names	Auberger B antigen; B-CAM cell surface glycoprotein; F8/G253 antigen; Lutheran antigen; Lutheran blood group glycoprotein; CD_antigen: CD239
Protein Family	Basal cell adhesion molecule
UniProt Gene Name	BCAM
UniProt Synonym Gene Names	LU; MSK19
NCBI Protein Information	basal cell adhesion molecule
NCBI Summary for BCAM	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]
UniProt Comments for BCAM	Laminin alpha-5 receptor. May mediate intracellular signaling.
Research Articles on BCAM	**1.** data show that the BCAM/LAMA5 system plays a functional role in the metastatic spreading of KRAS-mutant colorectal cancer

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