



Anti-BCAM (aa 32-131) polyclonal antibody (DPAB-DC1876)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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.
Immunogen	BCAM (NP_005572, 32 a.a. ~ 131 a.a) partial recombinant protein with GST tag. The sequence is EVRLSVPLVEVMRGKSVILDCTPTGTHDHYMLEWFLTDRSGARPRLASAEMQGSELQVT MHDTRGRSPPYQLDSQGRLVLAEAQVGDERDYVCVVRAGA
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	BCAM basal cell adhesion molecule (Lutheran blood group) [Homo sapiens (human)]
Official Symbol	BCAM
Synonyms	BCAM; basal cell adhesion molecule (Lutheran blood group); AU; LU; CD239; MSK19; basal cell adhesion molecule; F8/G253 antigen; Auberger b antigen; glycoprotein 95kDa; B-cell adhesion molecule; B-CAM cell surface glycoprotein; antigen identified by monoclonal antibody F8; basal cell adhesion molecule (Lu and Au blood groups);
Entrez Gene ID	4059
Protein Refseq	NP_001013275
UniProt ID	A0A087WXM8
Chromosome Location	19q13.2
Function	laminin binding; laminin receptor activity; transmembrane signaling receptor activity;