

## Product datasheet for **SM1561PT**

### CD239 (BCAM) Mouse Monoclonal Antibody [Clone ID: BRIC221]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	BRIC221
Applications:	FC, WB
Recommended Dilution:	Flow cytometry. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human erythrocytes.
Specificity:	This antibody recognises a non-polymorphic determinant on both the 85 and 78kD Lutheran (Lu) glycoproteins.
Formulation:	PBS, pH7.5 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	basal cell adhesion molecule (Lutheran blood group)
Database Link:	<a href="#">Entrez Gene 4059 Human P50895</a>
Background:	BRIC 221 specifically recognises an epitope in the fourth extracellular domain of Lu glycoprotein. Lutheran glycoprotein is a member of the immunoglobulin superfamily and has recently been designated CD239 (BCAM) at the 7th leucocyte typing workshop. CD239 is expressed by erythrocytes in the peripheral blood.



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**Synonyms:** LU, MSK19, Lutheran blood group glycoprotein, B-CAM, F8/G253, Auberger B