

# Product Datasheet

## BCAM/CD239 Antibody (BRIC221) [CoraFluor™ 1] NB100-66523CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB100-66523CL1**

BCAM/CD239 Antibody (BRIC221) [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	BRIC221
Preservative	No Preservative
Isotype	IgG2b
Conjugate	CoraFluor 1
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.
Host	Mouse
Gene ID	4059
Gene Symbol	BCAM
Species	Human
Specificity/Sensitivity	NB100-66523 recognizes a non-polymorphic determinant on both the 85 and 78kD Lutheran (Lu) glycoproteins. BRIC 221 specifically recognizes 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 (B-CAM) at the 7th leucocyte typing workshop. CD239 is expressed by erythrocytes in the peripheral blood.
Immunogen	Human erythrocytes
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-66523CL1**

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NBP2-31994PEP	BCAM/CD239 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
11174-BC-050	BCAM/CD239 [Unconjugated]
202-IL-010	IL-2 [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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