

Datasheet for ABIN210857

## anti-BCAM antibody (Extracellular Domain)



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### Overview

|                      |                                              |
|----------------------|----------------------------------------------|
| Quantity:            | 200 µg                                       |
| Target:              | BCAM                                         |
| Binding Specificity: | Extracellular Domain                         |
| Reactivity:          | Human                                        |
| Host:                | Mouse                                        |
| Clonality:           | Monoclonal                                   |
| Conjugate:           | This BCAM antibody is un-conjugated          |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS) |

### Product Details

|               |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Human erythrocytes.                                                                                                                                                                                                                                                                                                                                                                                                   |
|               | Type of Immunogen: Cells                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype:      | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity:  | 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. |
| Purification: | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                    |

## Target Details

|                   |                                                                                                                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | BCAM                                                                                                                                                                                                              |
| Alternative Name: | BCAM / CD239 ( <a href="#">BCAM Products</a> )                                                                                                                                                                    |
| Background:       | Name/Gene ID: BCAM<br><br>Synonyms: BCAM, B-cell adhesion molecule, Auberger B antigen, Basal cell adhesion molecule, CD239 antigen, Glycoprotein 95 kDa, F8/G253 antigen, LU, Lutheran antigen, MSK19, AU, CD239 |
| Gene ID:          | 4059                                                                                                                                                                                                              |
| UniProt:          | <a href="#">P50895</a>                                                                                                                                                                                            |

## Application Details

|                    |                                                                                                                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: Flo, WB<br><br>Usage: Flow Cytometry. Western Blot. Flow Cytometry: Use 10 µL of the suggested working dilution to label 1 x10 <sup>6</sup> in 100 µL. Applications: Flow Cytometry. Western Blot. |
| Comment:           | Target Species of Antibody: Human                                                                                                                                                                            |
| Restrictions:      | For Research Use only                                                                                                                                                                                        |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | Tris buffered glycine, pH 7.5, 0.1 % sodium azide.                                                                     |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeat freeze-thaw cycles.                                                                                       |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.                                                  |