

## Datasheet for ABIN6937123 **anti-ECM1 antibody**



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### Overview

|              |                                                                                                          |
|--------------|----------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µg                                                                                                   |
| Target:      | ECM1                                                                                                     |
| Reactivity:  | Human                                                                                                    |
| Host:        | Mouse                                                                                                    |
| Clonality:   | Monoclonal                                                                                               |
| Conjugate:   | This ECM1 antibody is un-conjugated                                                                      |
| Application: | Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f)) |

### Product Details

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:   | Full length native protein (purified) corresponding to Human IgA Secretory Component. Affinity-purified secretory component from human colostrum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clone:       | SC05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Isotype:     | IgG1 kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity: | This MAb reacts with a reduction-resistant epitope present in both free and SIgA bound Secretory Component. It does not react with the cell lines lacking secretory component. The antibody is useful for studying the distribution and level of both free and bound secretory component. Secretory component is differentially expressed in epithelium, and the antibody is a popular marker for identifying subpopulations of epithelial cells and epithelial differentiation. The Secretory component antibody is a useful research tool for studying mucosal immunity, inflammation, remodeling, differentiation and tumorigenesis, all processes associated with differential secretory component expression. |

## Product Details

Cross-Reactivity (Details): Human and Rat.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

## Target Details

Target: ECM1

Alternative Name: ECM1 ([ECM1 Products](#))

Background: ECM1, Extracellular Matrix Protein 1, Secretory Component p85, URBWD,IgA Secretory Component / ECM1  
Cellular localisation: Cell surface. Cytoplasm.

Molecular Weight: ~80kDa

Gene ID: 1893, 81071

UniProt: [Q16610](#)

## Application Details

Application Notes: Known\_Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT) ,(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.  
Positive\_Control: Stomach, Lung, or Breast tumor.

Restrictions: For Research Use only

## Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months