

Datasheet for ABIN7653897

## Recombinant anti-ECM1 antibody (Biotin)



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### Overview

|                |                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------|
| Quantity:      | 100 µL                                                                                                  |
| Target:        | ECM1                                                                                                    |
| Reactivity:    | Human, Rat                                                                                              |
| Host:          | Rabbit                                                                                                  |
| Antibody Type: | Recombinant Antibody                                                                                    |
| Clonality:     | Monoclonal                                                                                              |
| Conjugate:     | This ECM1 antibody is conjugated to Biotin                                                              |
| Application:   | Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)) |

### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Purpose:         | Secretory Component / ECM1 (ECM1/2889R), Biotin conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen:       | Recombinant full-length human ECM1 protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clone:           | ECM1-2889R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Isotype:         | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Characteristics: | <p>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,</p> |

## Product Details

inflammation, remodeling, differentiation and tumorigenesis, all processes associated with differential secretory component expression. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

## Target Details

|                   |                                                                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | ECM1                                                                                                                                       |
| Alternative Name: | ECM1                                                                                                                                       |
| Background:       | Synonyms: ECM1, Extracellular Matrix Protein 1, Secretory Component p85, URBWD<br>Gene Symbol: ECM1<br>Tissue Expression: Epithelial cells |
| Molecular Weight: | ~80 kDa                                                                                                                                    |
| Gene ID:          | 1893                                                                                                                                       |
| UniProt:          | <a href="#">Q16610</a>                                                                                                                     |

## Application Details

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| Application Notes: | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody. Immunohistology (formalin): 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 minutes followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined by user |
| Comment:           | Positive Control: Stomach, Lung, or breast tumor                                                                                                                                                                                                                                                                                                                                                                                                         |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Handling

|                |                              |
|----------------|------------------------------|
| Format:        | Liquid                       |
| Concentration: | 0.1 mg/mL                    |
| Buffer:        | PBS, 0.1 % BSA, 0.05 % azide |
| Preservative:  | Sodium azide                 |

## Handling

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|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
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| Storage: | 4 °C |
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| Storage Comment: | Stable at room temperature or 37°C for 7 days.<br>Store at 2 to 8°C. Protect fluorescent conjugates from light |
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| Expiry Date: | 24 months |
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