

## 36-2192: Anti-Secretory Component / ECM1 Monoclonal Antibody(Clone: SC05)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	SC05
<b>Application :</b>	FACS,IF,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	ECM1
<b>Gene ID :</b>	1893
<b>Uniprot ID :</b>	Q16610
<b>Alternative Name :</b>	ECM1, Extracellular Matrix Protein 1, Secretory Component p85, URBWD
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Secretory Component protein isolated from human colostrum

### Description

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 Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

### Application Note

Flow Cytometry (0.5-1ug/million cells); Immunofluorescence (1-2ug/ml); ,Immunohistochemistry (Formalin-fixed) (0.5-1ug/ml for 30 minutes at RT) ,(Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),

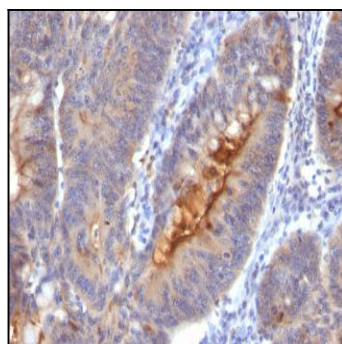


Fig. 1: Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Secretory Component Mouse Monoclonal Antibody (SC-05).

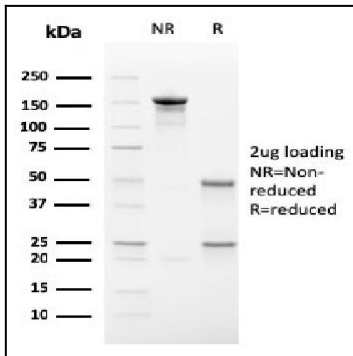


Fig. 2: SDS-PAGE Analysis Purified Secretory Component Mouse Monoclonal Antibody (SC-05). Confirmation of Purity and Integrity of Antibody.