

# Product Datasheet

## ECM-1/Secretory Component P85 Antibody (SC05) - IHC- Prediluted NBP2-44395

Unit Size: 7 ml

Store at 4C.

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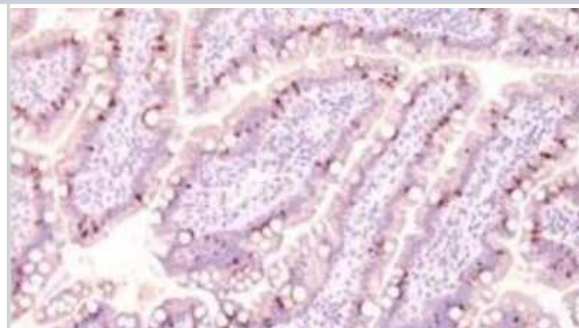


**NBP2-44395****ECM-1/Secretory Component P85 Antibody (SC05) - IHC-Prediluted**

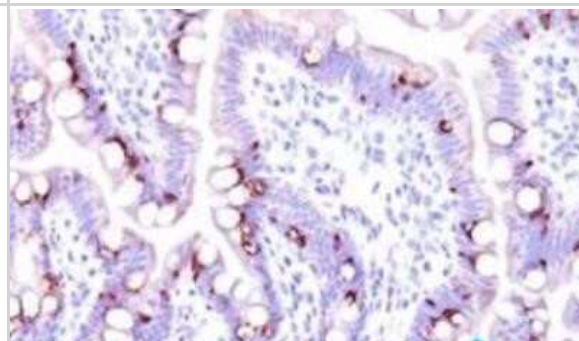
<b>Product Information</b>	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SC05
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	1893
<b>Gene Symbol</b>	ECM1
<b>Species</b>	Human, Rat
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Partially purified ECM1 from human colostrum was used as immunogen to generate the antibody (Bartek, 1989).
<b>Notes</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml
<b>Application Notes</b>	Hu-chromosome location: 1q21.2 Molecular weight of antigen: ~80kDa Immunohistochemistry-Paraffin 0.5 - 1 ug/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. The 7mL size is a pre-diluted size and no additional dilutions are required before using this item for the intended application.

## Images

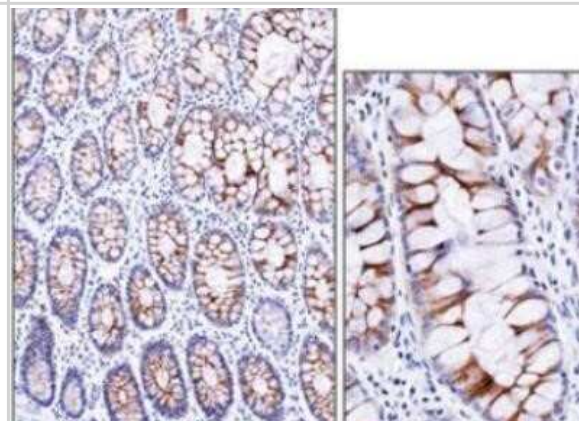
Immunohistochemistry-Paraffin: ECM-1/Secretory Component P85 Antibody (SC05) - IHC-Prediluted [NBP2-44395] - Formalin-fixed, paraffin-embedded normal human intestine (10X) stained with MUC2 antibody (1:200), peroxidase-conjugate and DAB chromogen.



Immunohistochemistry-Paraffin: ECM-1/Secretory Component P85 Antibody (SC05) - IHC-Prediluted [NBP2-44395] - Formalin-fixed, paraffin-embedded normal human intestine (20X) stained with MUC2 antibody (1:200), peroxidase-conjugate and DAB chromogen.



Immunohistochemistry-Paraffin: ECM-1/Secretory Component P85 Antibody (SC05) - IHC-Prediluted [NBP2-44395] - Staining of normal human small intestine. Note cytoplasmic and membrane staining.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA

Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada

Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **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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