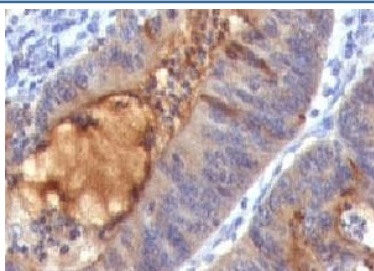


## Secretory Component Antibody / ECM1 [clone SPM217] (V9015)

Catalog No.	Formulation	Size
V9015-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V9015-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V9015SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V9015IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	SPM217
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	Q16610
<b>Localization</b>	Cell surface and cytoplasmic
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This Secretory Component antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human colon carcinoma stained with IgA Secretory Component antibody (SPM217).

## 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.

## Application Notes

The optimal dilution of the Secretory Component antibody for each application should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Secretory Component protein isolated from human colostrum was used as the immunogen for this Secretory Component antibody.

## Storage

Store the Secretory Component antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).