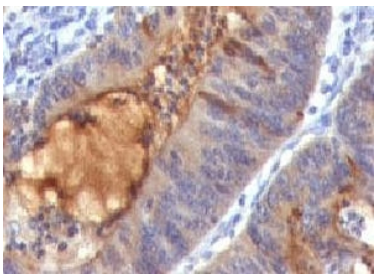
Secretory Component Antibody / ECM1 [clone SPM217] (V9015)

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

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



Secretory Component Antibody Immunohistochemistry. 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.

Explore our ECM1 Antibody - Extracellular Matrix Organization and Secreted Glycoprotein Marker (ECM1/2889R) page for a broader view of ECM1 expression in tissue architecture and microenvironment signaling.

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).