Datasheet for ABIN3026937

anti-Secretory Component Glycoprotein antibody

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Overview

Quantity:	100 µg
Target:	Secretory Component Glycoprotein
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Secretory Component protein isolated from human colostrum was used as the immunogen for this Secretory Component antibody.
Clone:	SPM217
Isotype:	IgG1 kappa
Characteristics:	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.
Purification:	Protein G affinity chromatography

Target Details

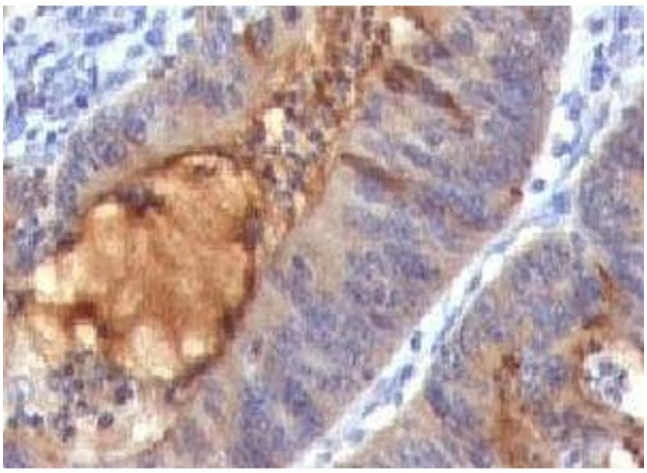
Target:	Secretory Component Glycoprotein
Abstract:	Secretory Component Glycoprotein Products
Background:	This mAb reacts with a reduction-resistant epitope present in both free and SIgA bound Secretory Component. It does not react with the cell lines lacking secretory component. The antibody is useful 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 Details

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 10 mM Citrate Buffer, pH 6.0, 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.\. Flow Cytometry: 0.5-1 µg/million cells in 0.1ml,Immunofluorescence: 1-2 µ g/mL,Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 minutes at RT (1),Prediluted format: incubate for 30 min at RT (2)
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	1 mg/mL in 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	Store the Secretory Component antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)
Image 1. Formalin-fixed, paraffin-embedded human colon carcinoma stained with IgA Secretory Component antibody (SPM217).

