

## Product datasheet

anti-Human IgA Secretory Component mouse monoclonal, SC-05, purified

### Short overview

<b>Cat. No.</b>	691720
<b>Quantity</b>	1 ml (100 µg/ml)
<b>Concentration</b>	100 µg/ml

### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG1 kappa
<b>Clone</b>	SC-05
<b>Immunogen</b>	Affinity purified human secretory component
<b>Formulation</b>	PBS with 0.02% sodium azide
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity chromatography
<b>Storage</b>	2-8°C
<b>Intended use</b>	Research use only
<b>Application</b>	ELISA, FACS, IHC, IP, WB
<b>Reactivity</b>	Human, Rat

### Applications

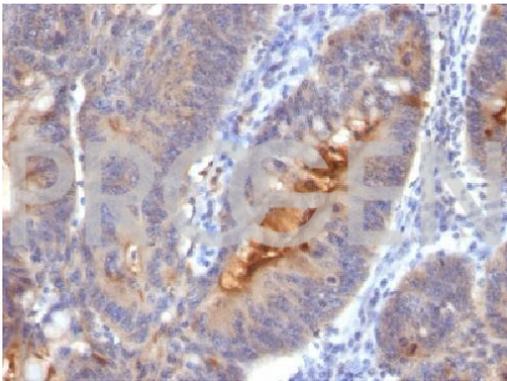
<b>ELISA</b>	Assay dependent
<b>Flow Cytometry (FACS)</b>	0.5-1.0 µg/million cells in 0.1 ml
<b>Immunohistochemistry (IHC) - frozen</b>	1:50-1:100 (1-2 µg/ml)
<b>Immunohistochemistry (IHC) - paraffin</b>	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 recommended)
<b>Immunoprecipitation (IP)</b>	Assay dependent
<b>Western Blot (WB)</b>	1:50-1:100 (1-2 µg/ml)

### Background

SC-05 reacts with a reduction resistant epitope on 80 kDa human secretory component (both free and bound to SIgA). Secretory component is differentially expressed in epithelium, thus SC-05 can identify subpopulations of epithelial cells and epithelial differentiation. Secretory component negative cell lines are not stained with SC-05.

Positive control: Stomach, lung, or breast tumor.

## Product images



Human colon