BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-IgA Secretory Component / ECM1 Monoclonal Antibody

Catalog Number: M02861

About ECM1

This monoclonal antibody 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.

Overview

Product Name	Anti-IgA Secretory Component / ECM1 Monoclonal Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-IgA Secretory Component / ECM1 Monoclonal Antibody (Catalog # M02861). Tested in Flow Cytometry, IF applications. This antibody reacts with Human, Rat.
Conjugate	Biotin
Application	Flow Cytometry, IF
Clonality	Monoclonal Clone: ECM1/792
Formulation	Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage Instructions	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Host	Mouse
Uniprot ID	Q16610

Technical Details

Immunogen	Recombinant full-length human ECM1 protein
Predicted Reactive Species	Pig, Rabbit
Cross Reactivity	Does not cross-react with primate, avian or amphibian GR.
Isotype	IgG1, kappa
Form	Liquid
Concentration	Purified antibody with BSA and azide at 200ug/ml

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Purification	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A/G.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Flow Cytometry (0.5-1ug/million cells) Immunofluorescence (1-2ug/ml) Immunohistology (Formalin-fixed) (0.5-1ug/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) Optimal dilution for a specific application should be determined.

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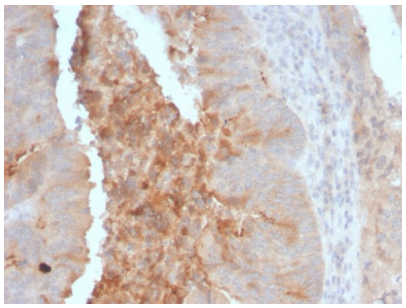
Anti-IgA Secretory Component / ECM1 Monoclonal Antibody (M02861) Images



Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Anti-IgA Secretory Component Mouse Monoclonal Antibody (ECM1/792).

Anti-IgA Secretory Component / ECM1 Monoclonal Antibody