

IgA Secretory Component / ECM1 Antibody - With BSA and Azide
Mouse Monoclonal Antibody [Clone SPM217]
Catalog # AH10435

Specification

IgA Secretory Component / ECM1 Antibody - With BSA and Azide - Product Information

Application	IHC-P, IF, FC
Primary Accession	Q16610
Other Accession	1893 , 81071
Reactivity	Human, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Calculated MW	~80kDa KDa

IgA Secretory Component / ECM1 Antibody - With BSA and Azide - Additional Information

Gene ID 1893

Other Names

Extracellular matrix protein 1, Secretory component p85, ECM1

Application Note

IHC-P~N/A
IF~1:50~200
FC~1:10~50

Format

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage

Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions

IgA Secretory Component / ECM1 Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

IgA Secretory Component / ECM1 Antibody - With BSA and Azide - Protein Information

Name ECM1

Function

Involved in endochondral bone formation as negative regulator of bone mineralization. Stimulates the proliferation of endothelial cells and promotes angiogenesis. Inhibits MMP9 proteolytic activity.

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

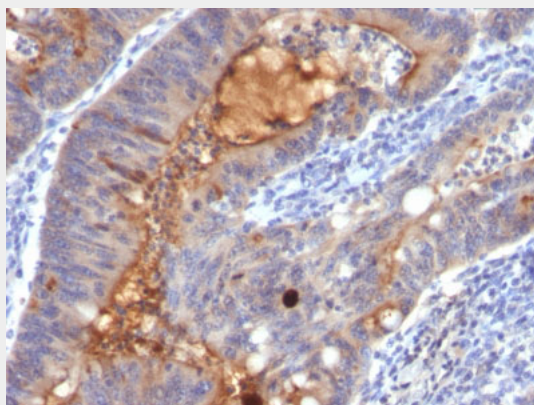
Expressed in breast cancer tissues. Little or no expression observed in normal breast tissues.

Expressed in skin; wide expression is observed throughout the dermis with minimal expression in the epidermis.

IgA Secretory Component / ECM1 Antibody - With BSA and Azide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IgA Secretory Component / ECM1 Antibody - With BSA and Azide - Images

Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with IgA Secretory Component Monoclonal Antibody (SPM217).

IgA Secretory Component / ECM1 Antibody - With BSA and Azide - 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.

IgA Secretory Component / ECM1 Antibody - With BSA and Azide - References

Bartek J et. al. Histochemistry 91:235-244 (1989)