Mouse anti-Human, Rat Secretory Component/ECM1 Monoclonal Antibody | anti-ECM1 antibody

Secretory Component/ECM1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215423	**Mouse**	**Human, Rat**	**Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

Secretory Component/ECM1; Monoclonal Antibody; ECM1; Extracellular Matrix Protein 1; Secretory Component p85; URBWD; anti-ECM1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	rSPM217
Specificity	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.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml or Purified Ab with BSA and Azide at 200ug/ml or Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/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.
Sequence Length	567
Applicable Applications for anti-ECM1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length Human ECM1 protein
Cellular Localization	Cell Surfaceand Cytoplasmic
Antibody Type	Recombinant Antibody
Hu-chromosome Location	1q21.2
Positive Control	Stomach, lung, or breast tumor.
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES

SDS-PAGE
SDS-PAGE Analysis Purified ECM1 Recombinant Mouse Monoclonal Antibody (rSPM217). Confirmation of Purity and Integrity of Antibody.

IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human liver stained with ECM1 Recombinant Mouse Monoclonal Antibody (rSPM217).

ADDITIONAL INFORMATION

References	Kuhn, L.C. and Kraehenbuhl, J.P. 1980. J. Biol. Chem. 254: 11072-11081.

NCBI AND UNIPROT INFORMATION

NCBI GI #	322302700
NCBI GeneID	1893
NCBI Accession #	NP_001189787.1
NCBI GenBank Nucleotide #	NP_001189787.1
UniProt Accession #	Q16610
Molecular Weight	~80kDa
NCBI Official Full Name	extracellular matrix protein 1 isoform 3
NCBI Official Synonym Full Names	extracellular matrix protein 1
NCBI Official Symbol	ECM1
NCBI Official Synonym Symbols	URBWD
NCBI Protein Information	extracellular matrix protein 1
UniProt Protein Name	Extracellular matrix protein 1
UniProt Gene Name	**ECM1**
UniProt Entry Name	ECM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/secretory-component-ecm1-antibody-clone-rspm217-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/215423