

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

IgA Secretory Component / ECM1 Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13802	Mouse	Human, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

IgA Secretory Component / ECM1; Monoclonal Antibody; IgA Secretory Component / ECM1 Mouse 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	SPM217
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.
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	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	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.
Cellular Localization	Cell Surface and Cytoplasmic
Immunogen	Secretory Component protein isolated from human colostrum
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 degree C to -80 degree C. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE
SDS-PAGE Analysis Purified Secretary Component Mouse Monoclonal Antibody (SPM217).
Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)
Formalin-paraffin human Colon Carcinoma stained with IgA Secretary Component Mab (SPM217).

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	322302700
NCBI GeneID	1893
NCBI Accession #	NP_001189787.1
NCBI GenBank Nucleotide #	NM_001202858.1
UniProt Accession #	Q16610; O43266; Q5T5G4; Q5T5G5; Q5T5G6; Q8IZ60; A8K8S0; B4DW49; B4DY60
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/iga-secretory-component-ecm1-antibody-clone-spm217-flow-cytometry-immunofluorescence-immunohistochemistry-elisa/13802>