

Datasheet for ABIN6252532 **anti-ECM1 antibody**



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Overview

Quantity:	100 µg
Target:	ECM1
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ECM1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Secretory Component protein isolated from human colostrum was used as the immunogen for this Secretory Component antibody.
Clone:	SPM217
Isotype:	IgG1 kappa
Purification:	Protein G affinity chromatography

Target Details

Target:	ECM1
Alternative Name:	Extracellular Matrix Protein 1 (ECM1 Products)
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

Target Details

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.

Gene ID: 1893

UniProt: [Q16610](#)

Application Details

Application Notes: Flow Cytometry: 0.5-1 µg/million cells in 0.1ml

Immunofluorescence: 1-2 µg/mL

Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 minutes at RT (1)

Prediluted format: incubate for 30 min at RT (2)

The optimal dilution of the Secretory Component antibody for each application should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.

2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 mg/mL

Buffer: PBS with 0.1 mg/mL BSA and 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot and Store at -20C. Avoid freez-thaw cycles.