Datasheet for ABIN7653892

Recombinant anti-ECM1 antibody (CF®647)

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Overview

Quantity:	100 µL
Target:	ECM1
Reactivity:	Human, Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This ECM1 antibody is conjugated to CF®647
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Secretory Component / ECM1 (ECM1/2889R), CF647 conjugate
Immunogen:	Recombinant full-length human ECM1 protein
Clone:	ECM1-2889R
Isotype:	IgG
Characteristics:	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,

Product Details

	inflammation, remodeling, differentiation and tumorigenesis, all processes associated with differential secretory component expression.Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	ECM1
Alternative Name:	ECM1
Background:	Synonyms: ECM1, Extracellular Matrix Protein 1, Secretory Component p85, URBWD Gene Symbol: ECM1 Tissue Expression: Epithelial cells
Molecular Weight:	~80 kDa
Gene ID:	1893
UniProt:	Q16610

Application Details

Application Notes:	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody. Immunohistology (formalin): 0.5-1 µg/mL for 30 minutes at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined by user
Comment:	Positive Control: Stomach, Lung, or breast tumor
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % BSA, 0.05 % azide
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from light
Storage:	4 °C
Storage Comment:	Stable at room temperature or 37°C for 7 days. Protect from light Store at 2 to 8°C. Protect fluorescent conjugates from light
Expiry Date:	24 months