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Datasheet for ABIN7477431 anti-CSTA antibody

3 Images



## Overview

Quantity:	1 mL
Target:	CSTA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CSTA antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

# Product Details

Immunogen:	Recombinant full-length human CSTA protein
Clone:	MSVA-461M
lsotype:	lgG

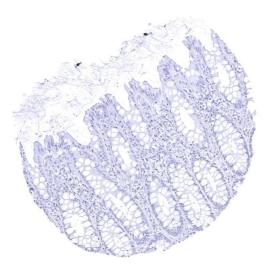
## Target Details

Target:	CSTA
Alternative Name:	Cystatin A (CSTA Products)
Background:	STF1, STFA, AREI, cstA, Stefin A,Cystatin A antibody validated for immunohistochemistry on 76 different Normal Tissues
UniProt:	P01040
Pathways:	Response to Water Deprivation

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Application Details		
Application Notes:	IHC 1:100-1:200	
Comment:	Positive Control: Skin: A strong nuclear and cytoplasmic Cystatin A immunostaining should be seen in the granular layer. Negative Control: Colon: No epithelial cell staining should be seen. Few inflammatory cells may show Cystatin A positivity.	
Protocol:	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.	

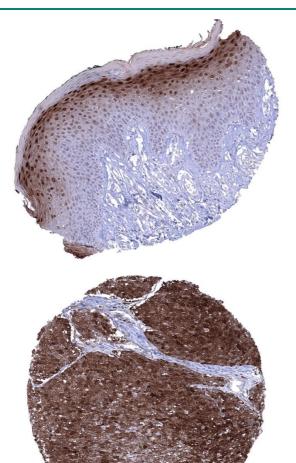
## Images



#### Immunohistochemistry

**Image 1.** Rectum mucosa Cystatin A immunostaining is always absent in epithelial cells of the colon

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#### Immunohistochemistry

**Image 2.** Skin In the skin a nuclear and cytoplasmic Cystatin A immunostaining is predominantly seen in the granular cell layer. The staining intensity decreases towards the basal cell layer

### Immunohistochemistry

**Image 3.** Squamous cell carcinoma of the esophagus showing a Cystatin A immunostaining of all tumor cells

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