

Datasheet for ABIN7426979
anti-CST4 antibody (AA 21-141)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CST4
Binding Specificity:	AA 21-141
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CST4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to Cystatin 4 (CST4)
Immunogen:	Recombinant Cystatin 4 (CST4) corresponding to Ser21~Ala141 with N-terminal His Tag
Clone:	D4
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against CST4. It has been selected for its ability to recognize CST4 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

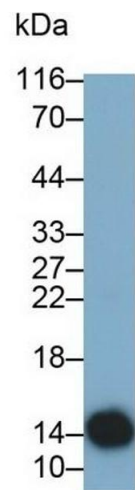
Target:	CST4
Alternative Name:	Cystatin 4 (CST4 Products)
Background:	Cystatin S, Salivary acidic protein 1, Cystatin-SA-III

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of CST4 in Human Saliva using Monoclonal Antibody to Cystatin 4 (CST4)