

Datasheet for ABIN7428155
anti-CSTB antibody (AA 2-98)

2 Images

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Overview

Quantity:	100 µL
Target:	CSTB
Binding Specificity:	AA 2-98
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CSTB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Cystatin B (CSTB)
Immunogen:	Recombinant Cystatin B (CSTB) corresponding to Met2~Phe98 (Accession # P01041) with N-terminal His Tag
Clone:	C10
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CSTB. It has been selected for its ability to recognize CSTB in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Protein A + Protein G affinity chromatography

Target Details

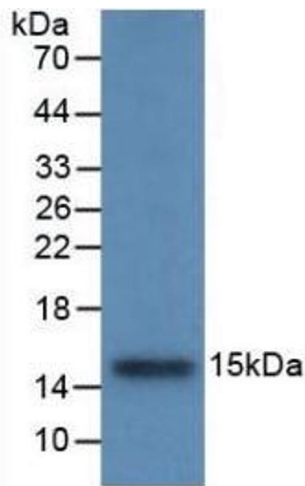
Target:	CSTB
Alternative Name:	Cystatin B (CSTB Products)
Background:	Cys-B, CST6, EPM1, PME, STFB, CPI-B, Stefin B, Liver thiol proteinase inhibitor
Pathways:	Response to Water Deprivation

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 5-30 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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

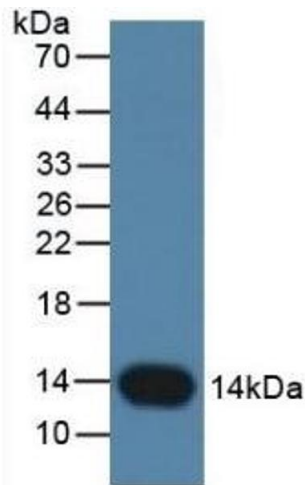
Handling

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 Recombinant CSTB, Rat using Monoclonal Antibody to Cystatin B (CSTB)



Western Blotting

Image 2. Detection of CSTB in Rat Placenta Tissue using Monoclonal Antibody to Cystatin B (CSTB)