

Datasheet for ABIN7426925
anti-CRYL1 antibody (AA 24-232)

2 Images

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Overview

Quantity:	100 µL
Target:	CRYL1
Binding Specificity:	AA 24-232
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CRYL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Crystallin Lambda 1 (CRYI1)
Immunogen:	Recombinant Crystallin Lambda 1 (CRYI1) corresponding to Leu24~Tyr232 (Accession # Q9Y2S2)
Clone:	C5
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CRYI1. It has been selected for its ability to recognize CRYI1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

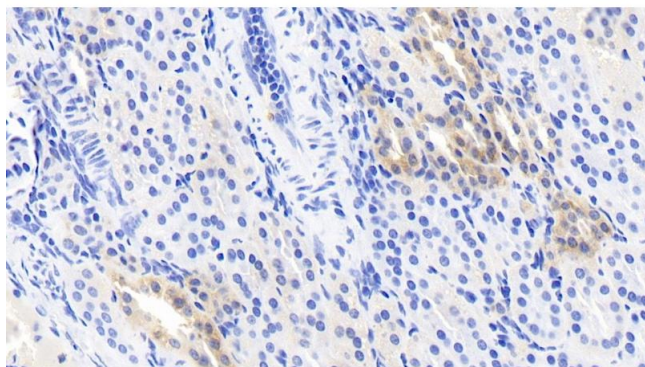
Target:	CRYL1
Alternative Name:	Crystallin Lambda 1 (CRYL1 Products)
Background:	GDH, Lambda-CRY, Gul3DH, L-Gulonate 3-Dehydrogenase, Lambda-Crystallin Homolog

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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

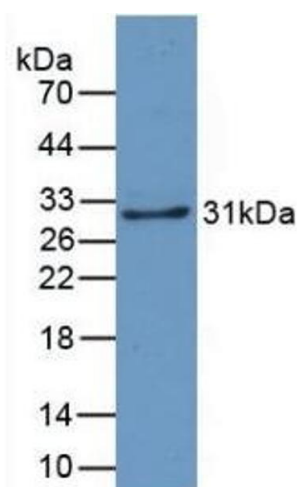
Handling

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



Immunohistochemistry

Image 1. Detection of CRYI1 in Human Kidney Tissue using Monoclonal Antibody to Crystallin Lambda 1 (CRYI1)



Western Blotting

Image 2. Detection of Recombinant CRYI1, Human using Monoclonal Antibody to Crystallin Lambda 1 (CRYI1)