

Datasheet for ABIN7427219  
**anti-IDH1 antibody (AA 74-333)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	IDH1
Binding Specificity:	AA 74-333
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IDH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Isocitrate Dehydrogenase 1, Soluble (IDH1)
Immunogen:	Recombinant Isocitrate Dehydrogenase 1, Soluble (IDH1) corresponding to Ala74~Ile333 with N-terminal His Tag
Clone:	C12
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IDH1. It has been selected for its ability to recognize IDH1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

Target:	IDH1
Alternative Name:	Isocitrate Dehydrogenase 1, Soluble ( <a href="#">IDH1 Products</a> )
Background:	PICD, IDP, Oxalosuccinate decarboxylase, NADP(+)-specific ICDH, Cytosolic NADP-isocitrate dehydrogenase
Pathways:	<a href="#">Warburg Effect</a>

## Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-50 µg/mL Immunocytochemistry: 5-50 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

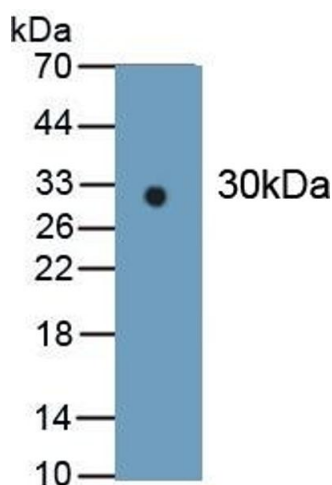
## Handling

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



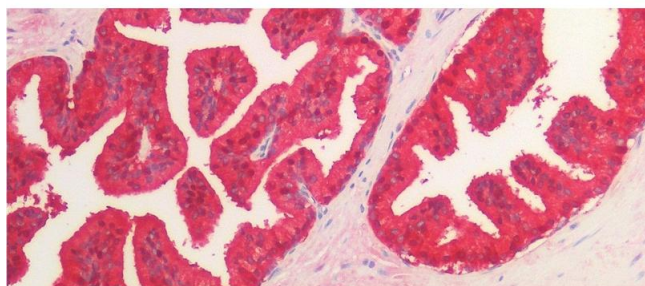
#### Western Blotting

**Image 1.** Detection of IDH1 in Porcine Liver lysate using Monoclonal Antibody to Isocitrate Dehydrogenase 1, Soluble (IDH1)



#### Western Blotting

**Image 2.** Detection of Recombinant IDH1, Human using Monoclonal Antibody to Isocitrate Dehydrogenase 1, Soluble (IDH1)



#### Immunohistochemistry

**Image 3.** Detection of IDH1 in Human Prostate Tissue using Monoclonal Antibody to Isocitrate Dehydrogenase 1, Soluble (IDH1)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7427219.