

Datasheet for ABIN7426538
anti-OAS1 antibody (AA 74-165)

2 Images

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Overview

Quantity:	100 µL
Target:	OAS1
Binding Specificity:	AA 74-165
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This OAS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to 2',5'-Oligoadenylate Synthetase 1 (OAS1)
Immunogen:	Recombinant 2',5'-Oligoadenylate Synthetase 1 (OAS1) corresponding to Ser74~Pro165 with N-terminal His Tag
Clone:	C5
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against OAS1. It has been selected for its ability to recognize OAS1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

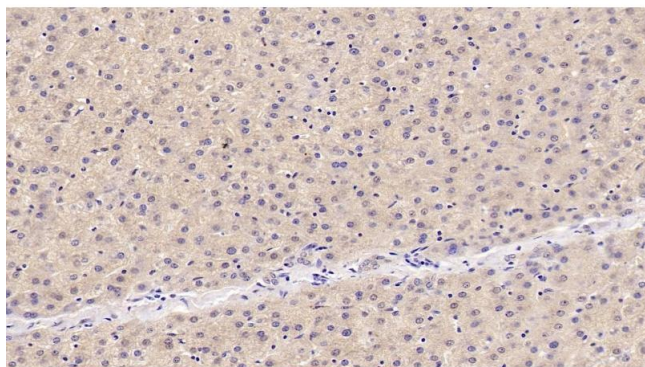
Target:	OAS1
Alternative Name:	2',5'-Oligoadenylate Synthetase 1 (OAS1 Products)
Background:	2,5OAS1, 25-OAS1, OAS1, IFI-4, OIAS, OIASI, E18/E16
Pathways:	Hepatitis C

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

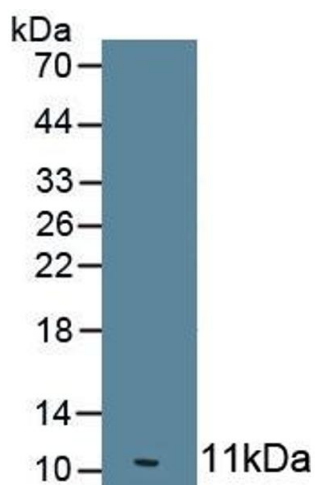
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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 OAS1 in Human Liver Tissue using Monoclonal Antibody to 2',5'-Oligoadenylate Synthetase 1 (OAS1)



Western Blotting

Image 2. Detection of Recombinant OAS1, Human using Monoclonal Antibody to 2',5'-Oligoadenylate Synthetase 1 (OAS1)