

Datasheet for ABIN184887  
**anti-NLRP3 antibody (C-Term)**

10 Images

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## Overview

Quantity:	100 µg
Target:	NLRP3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NLRP3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Purpose:	CIAS1 / cryopyrin ( C Terminus)
Immunogen:	Peptide with sequence C-EKPELTVVFEPSW, from the C Terminus of the protein sequence according to NP_001073289.1, NP_004886.3, NP_899632.1, NP_001120933.1, NP_001120934.1.
Sequence:	EKPELTVVFE PSW
Isotype:	IgG
Specificity:	Variants (NP_001073289.1, NP_004886.3) encode the same isoform.
Cross-Reactivity:	Cow, Human, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target:	NLRP3
Alternative Name:	NLRP3 ( <a href="#">NLRP3 Products</a> )
Background:	NLRP3, CIAS1, FCU, MWS, FCAS, NALP3, C1orf7, PYPAF1, AII/AVP, AGTAVPRL, CRYOPYRIN, cold autoinflammatory syndrome 1, cryopyrin, Muckle-Wells syndrome, chromosome 1 open reading frame 7, PYRIN-containing APAF1-like protein 1, neuronal apoptosis inhibitor p
Gene ID:	114548
NCBI Accession:	<a href="#">NP_001073289</a> , <a href="#">NP_004886</a> , <a href="#">NP_899632</a> , <a href="#">NP_001120933</a> , <a href="#">NP_001120934</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Inflammasome</a>

## Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Colon. Recommended concentration: 4 µg/mL. Western Blot: This antibody is not recommended for use in Western blotting. Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	<b>Immunofluorescence:</b> Expression of the protein seen in the cytoplasm and plasma membrane of U937 cells. Recommended concentration: 10µg/ml. <b>Flow Cytometry:</b> Flow cytometric analysis of U937 cells. Recommended concentra
Restrictions:	For Research Use only

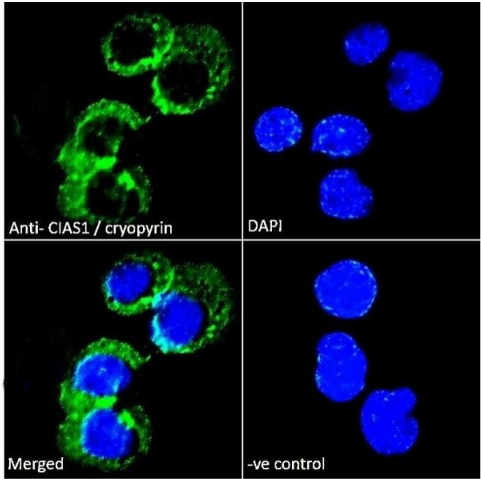
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

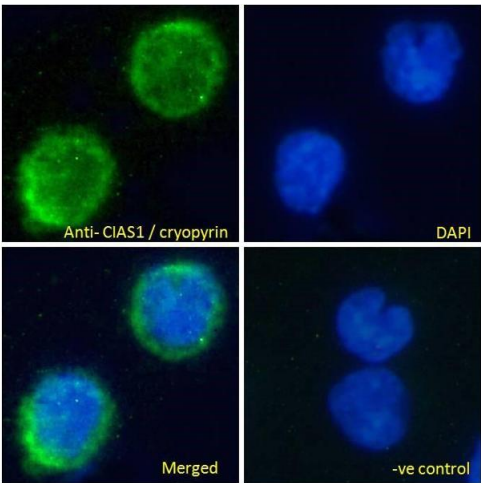
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



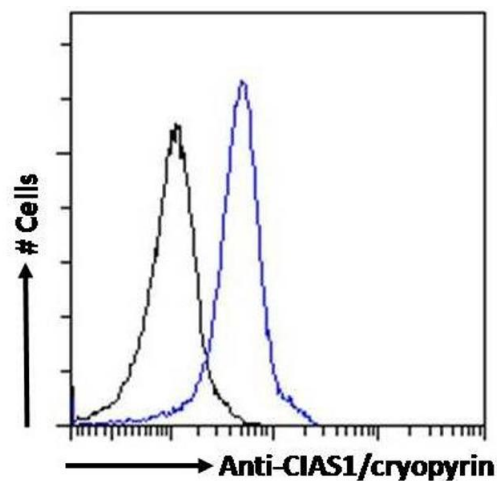
**Immunofluorescence**

**Image 1.** (ABIN184887) Immunofluorescence analysis of paraformaldehyde fixed U937 cells immobilized on Shifix™ coverslip, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing membrane and cyt



**Immunofluorescence**

**Image 2.** ABIN184887 Immunofluorescence analysis of paraformaldehyde fixed U937 cells permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (bl



### Flow Cytometry

**Image 3.** ABIN184887 Flow cytometric analysis of paraformaldehyde fixed U937 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1 hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml). IgG control: Unimmunized goat IgG (black line) fol

Please check the [product details page](#) for more images. Overall 10 images are available for ABIN184887.