

Datasheet for ABIN5542274
anti-AIM2 antibody (AA 1-195)



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5 Images

Overview

Quantity:	100 µL
Target:	AIM2
Binding Specificity:	AA 1-195
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AIM2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Purpose:	AIM2 Antibody
Immunogen:	Purified recombinant fragment of human AIM2 (AA: 1-195) expressed in E. Coli.
Clone:	7G12D1
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	AIM2
Alternative Name:	AIM2 (AIM2 Products)
Background:	Description: AIM2 is a member of the IFI20X /IFI16 family. It plays a putative role in tumorigenic

Target Details

reversion and may control cell proliferation. Interferon-gamma induces expression of AIM2.

Aliases: PYHIN4

Molecular Weight: 39kDa

Gene ID: 9447

HGNC: 9447

UniProt: [O14862](#)

Pathways: [Activation of Innate immune Response](#), [Positive Regulation of Endopeptidase Activity](#),
[Inflammasome](#)

Application Details

Application Notes: ELISA: 1/10000
ICC: 1/200 - 1/1000

Restrictions: For Research Use only

Handling

Format: Liquid

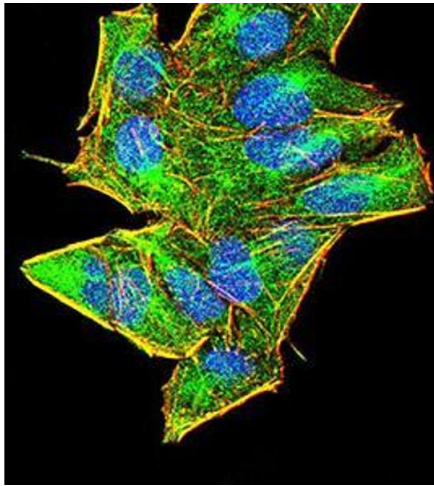
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

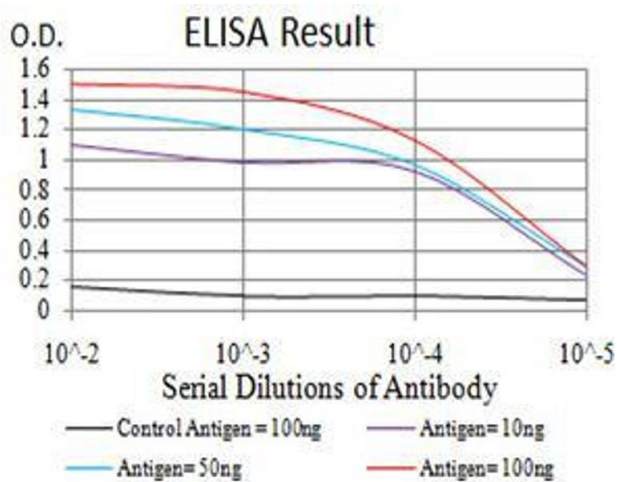
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



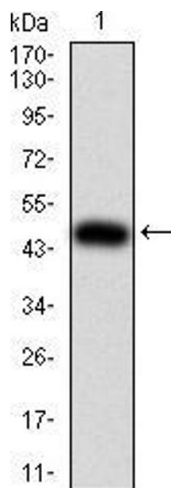
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using AIM2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using AIM2 mAb against human AIM2 (AA: 1-195) recombinant protein. (Expected MW is 48.2 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542274.