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Datasheet for ABIN653833 anti-AIM2 antibody (N-Term)

3 Images



Overview

Quantity:	400 µL
Target:	AIM2
Binding Specificity:	AA 4-32, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	This AIM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-32 amino acids from the N-terminal region of human AIM2.
Clone:	RB23659
Isotype:	lgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

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

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Target Details

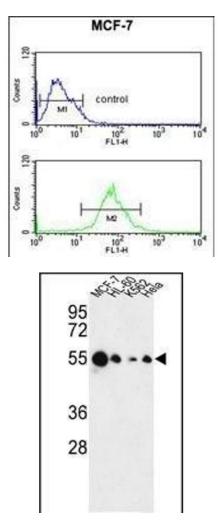
	and may control cell proliferation. Interferon-gamma induces expression of AIM2.
Molecular Weight:	38954
Gene ID:	9447
NCBI Accession:	NP_004824
UniProt:	014862
Pathways:	Activation of Innate immune Response, Positive Regulation of Endopeptidase Activity, Inflammasome

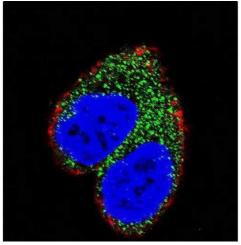
Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





Flow Cytometry

Image 1. AIM2 Antibody (N-term) (ABIN653833 and ABIN2843099) flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of AIM2 Antibody (N-term) (ABIN653833 and ABIN2843099) in MCF-7, HL-60, K562, Hela cell line lysates (35 µg/lane). AIM2 (arrow) was detected using the purified Pab.

Immunofluorescence

Image 3. Confocal immunofluorescent analysis of AIM2 Antibody (N-term) (ABIN653833 and ABIN2843099) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DI was used to stain the cell nuclear (blue).

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