

Datasheet for ABIN950314
anti-AIM2 antibody (N-Term)



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2 Images

Overview

Quantity:	0.4 mL
Target:	AIM2
Binding Specificity:	AA 11-40, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIM2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 11~40 amino acids from the N-terminal region of human AIM2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to AIM2.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	AIM2
Alternative Name:	AIM2 (AIM2 Products)

Target Details

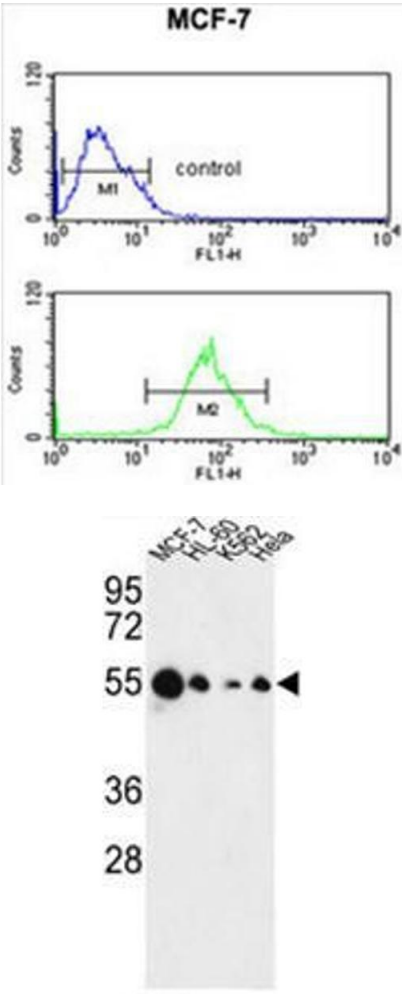
Background:	AIM2 is a member of the IFI202X /IFI16 family. It plays a putative role in tumorigenic reversion and may control cell proliferation. Interferon-gamma induces expression of AIM2.Synonyms: Absent in melanoma 2, Interferon-inducible protein AIM2
Gene ID:	9447
NCBI Accession:	NP_004824
Pathways:	Activation of Innate immune Response , Positive Regulation of Endopeptidase Activity , Inflammasome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
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 Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. AIM2 Antibody (N-term) 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) in MCF-7, HL-60, K562, Hela cell line lysates (35 µg/lane). AIM2 (arrow) was detected using the purified Pab.