

Product Name: AIM2 Mouse Monoclonal Antibody**Catalog #: AMM81607**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	39kDa

Antigen Information

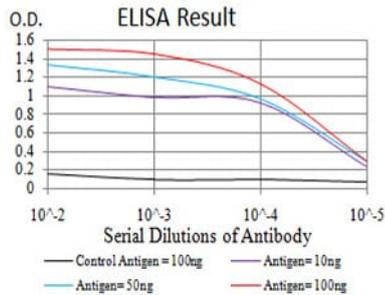
Gene Name	AIM2
Alternative Names	PYHIN4
Gene ID	9447.0
SwissProt ID	O14862
Immunogen	Purified recombinant fragment of human AIM2 (AA: 1-195) expressed in E. Coli.

Background

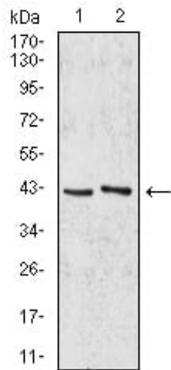
AIM2 is a member of the IFI20X /IFI16 family. It plays a putative role in tumorigenic reversion and may control cell proliferation. Interferon-gamma induces expression of AIM2.

Research Area

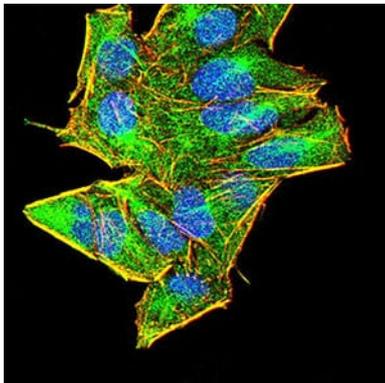
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using AIM2 mouse mAb against HepG2 (1) and A549 (2) cell lysate.



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.