Mouse anti-Human AIM2 Monoclonal Antibody | anti-AIM2 antibody

AIM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283538	**Mouse**	**Human**	**ELISA, Western Blot**

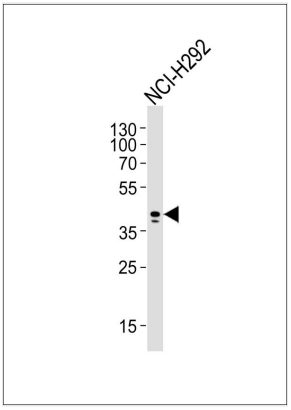
PRODUCT SYNONYMS

AIM2; Monoclonal Antibody; AIM2 Antibody; Interferon-inducible protein AIM2; Absent in melanoma 2; anti-AIM2 antibody

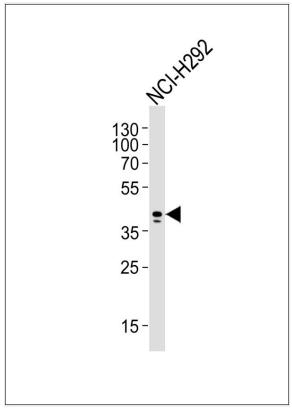
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgM
Clone Number	812CT9.2.2.1
Specificity	This AIM2 Monoclonal antibody is generated from mouses immunized with a KLH conjugated synthetic peptide selected from the 10-40 region of human AIM2.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.88 (varies by lot)
Sequence Length	343
Applicable Applications for anti-AIM2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
AIM2 Antibody western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the AIM2 antibody detected the AIM2 protein (arrow).



WB (Western Blot)
Western blot analysis of lysate from NCI-H292 cell line, using AIM2 Antibody. AAA283538 was diluted at 1:1000. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-AIM2 antibody	Tumor suppressor which may act by repressing NF-kappa-B transcriptional activity.
Product Categories/Family for anti-AIM2 antibody	Crown Antibodies; Cancer
References	DeYoung K.L., et al. Oncogene 15:453-457(1997). Ota T., et al. Nat. Genet. 36:40-45(2004). Gregory S.G., et al. Nature 441:315-321(2006). Cresswell K.S., et al. Biochem. Biophys. Res. Commun. 326:417-424(2005). Chen I.-F., et al. Mol. Cancer Ther. 5:1-7(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757734
NCBI GeneID	9447
NCBI Accession #	NP_004824.1
NCBI GenBank Nucleotide #	NM_004833.1
UniProt Accession #	O14862; Q5T3V9; Q96FG9; A8K7M7
Molecular Weight	38954
NCBI Official Full Name	interferon-inducible protein AIM2
NCBI Official Synonym Full Names	absent in melanoma 2
NCBI Official Symbol	AIM2
NCBI Official Synonym Symbols	PYHIN4
NCBI Protein Information	interferon-inducible protein AIM2
UniProt Protein Name	Interferon-inducible protein AIM2
UniProt Gene Name	**AIM2**
UniProt Entry Name	AIM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/monoclonal/aim2-antibody-clone-812ct9-2-2-1-western-blot-elisa/283538