

For Research Use Only

AIM2 Monoclonal antibody, PBS Only

Catalog Number:66902-3-PBS



Basic Information

Catalog Number: 66902-3-PBS	GenBank Accession Number: BC010940	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 9447	CloneNo.: 4C6E1
Source: Mouse	UNIPROT ID: O14862	
Isotype: IgG2a	Full Name: absent in melanoma 2	
Immunogen Catalog Number: AG14607	Calculated MW: 343 aa, 39 kDa	
	Observed MW: 39 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Absent in melanoma 2 (AIM2) is a sensor of cytosolic DNA that is responsible for activation of the inflammasome and host immune responses to DNA viruses and intracellular bacteria [PMID:22695634]. Upon binding to DNA, it is thought to undergo oligomerization and to associate with PYCARD initiating the recruitment of caspase-1 precursor and processing of interleukin-1 beta and interleukin-18. Otherwise, it functions as a tumor suppressor which may act by repressing NF-kappa-B transcriptional activity [PMID:16432157,20566831]. 66902-1-Ig antibody detects the 37-39 and 53 kDa protein in SDS-PAGE similar to the paper published. [PMID: 28809949]

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

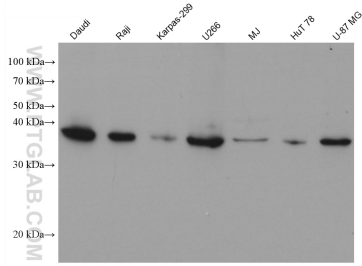
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E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66902-3-Ig (AIM2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66902-3-PBS in a different storage buffer formulation.