

À des fins de recherche uniquement

# Anticorps Monoclonal anti-AIM2

Numéro de catalogue: 66902-1-Ig **6 Publications**



## Informations de base

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|--|--|--|
| <b>Numéro de catalogue:</b><br>66902-1-Ig  | <b>Numéro d'acquisition GenBank:</b><br>BC010940 | <b>Méthode de purification:</b><br>Purification par protéine A |
| <b>Taille:</b><br>150ul , Concentration: 2000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | <b>Identification du gène (NCBI):</b><br>9447    | <b>CloneNo.:</b><br>3E12A8                                     |
| <b>Hôte:</b><br>Mouse  | <b>Nom complet:</b><br>absent in melanoma 2      | <b>Dilutions recommandées:</b><br>WB 1:1000-1:4000             |
| <b>Isotype:</b><br>IgG1  | <b>MW calculé:</b><br>343 aa, 39 kDa             |  |
| <b>Immunogen Catalog Number:</b><br>AG14607  | <b>MW observés:</b><br>37-39 and 53 kDa          |  |

## Applications

|   |   |
|---|---|
| <b>Applications testées:</b><br>WB, ELISA                     | <b>Contrôles positifs:</b><br>WB : cellules RAW 264.7, cellules Sp2/0, tissu cardiaque humain, tissu splénique de lapin |
| <b>Demandes citées:</b><br>CoIP, IF, WB                       |   |
| <b>Spécificité de l'espèce:</b><br>Humain, Lapin, rat, souris |   |
| <b>Espèces citées:</b><br>Humain, souris                      |   |

## Informations générales

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 precursors 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]

## Publications notables

| Autrice       | Pubmed ID | Journal      | Application |
|---------------|-----------|--------------|-------------|
| Ruby E Dawson | 34489308  | Gut          | CoIP        |
| Hao Liu       | 36245295  | EMBO J       | WB, IF      |
| Qingyu Liang  | 34815793  | Theranostics | WB          |

## Stockage

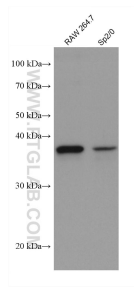
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:  
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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66902-1-Ig (AIM2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.