Product datasheet

Anti-AIM2 antibody ab93015

Overview

Product name: Anti-AIM2 antibody
Description: Rabbit polyclonal to AIM2
Host species: Rabbit
Tested applications: Suitable for: WB, IHC-P, ICC/IF
Species reactivity: Reacts with: Human
Predicted to work with: Mouse

Immunogen: Recombinant fragment, corresponding to amino acids 93-341 of Human AIM2 (NM_004833).
Positive control: EC-109 and HepG2 whole cell lysate (ab7900); Human fetal tonsil tissue

Properties

Form: Lyophilised. Reconstitute with 200ul distilled sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer: pH: 7.20
Preservative: 0.02% Sodium azide
Constituents: PBS, 1% BSA

Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab93015 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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### Target

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>IHC-P</td>
<td>🌟🌟🌟🌟🌟</td>
<td>1/100 - 1/500.</td>
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<tr>
<td>ICC/IF</td>
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<td>Use at an assay dependent concentration.</td>
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### Function

Tumor suppressor which may act by repressing NF-kappa-B transcriptional activity.

### Tissue specificity

Expressed in spleen, small intestine, peripheral blood leukocytes, and testis.

### Sequence similarities

Belongs to the HIN-200 family.
Contains 1 DAPIN domain.
Contains 1 HIN-200 domain.

### Cellular localization

Nucleus.

### Images

**Western blot - Anti-AIM2 antibody (ab93015)**

All lanes: Anti-AIM2 antibody (ab93015) at 1/500 dilution

Lane 1: EC-109 cell lysate
Lane 2: HepG2 cell lysate

Predicted band size: 39 kDa

**Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of fetal spleen tissue sections labeling AIM2 with ab93015 at 1/100 dilution.**
Immunocytochemistry/Immunofluorescence analysis of Jurkat cells labeling AIM2 with ab93015 at 1/200 dilution. Cells were fixed with methanol and permeabilized with citrate buffer, pH 6.0. The cells were fixed with 4% BSA for 30 minutes at 25°C, followed by incubation with Anti-AIM2 antibody (ab93015) in blocking buffer for 16 hours at 4°C. A goat-anti-rabbit FITC secondary antibody was used at 1/100 dilution.

Immunohistochemical staining of AIM2 in formalin fixed, paraffin embedded Human fetal tonsil showing nuclear staining with ab93015 at a dilution of 1/100.

ab93015 staining AIM2 in human monocytes (Apheresis) by Immunocytochemistry/Immunofluorescence. Cells were fixed, permeabilized, blocked with 2% BSA for 30 minutes at 25°C and then incubated with ab93015 at a 1/200 dilution for 2 hours at 25°C. The secondary used was an Alexa-Fluor 488 conjugated chicken anti-rabbit IgG (H+L) used at a 1/1000 dilution.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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