**Product datasheet**

**Anti-TIM 1 antibody ab66062**

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### Overview

<table>
<thead>
<tr>
<th>Product name</th>
<th>Anti-TIM 1 antibody</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Mouse monoclonal to TIM 1</td>
</tr>
<tr>
<td>Host species</td>
<td>Mouse</td>
</tr>
<tr>
<td>Tested applications</td>
<td>Suitable for: WB, ELISA, Flow Cyt</td>
</tr>
<tr>
<td>Species reactivity</td>
<td>Reacts with: Human</td>
</tr>
<tr>
<td></td>
<td>Predicted to work with: Chimpanzee</td>
</tr>
</tbody>
</table>

**Immunogen**

Recombinant fragment with tag: KVGGEAGPSV TLPCGHYSGAV TSMCWNRGSC SLFTCQNGV WTNGTHVTYR KDTRYKLLGD LSRRDVSLTI ENTAVSDSGV YCCRVEHRGW FNDMKITVSL, corresponding to amino acids 23-123 of Human TIM 1

**Positive control**

TIM 1 transfected 293T cell lysate.

**General notes**

This product was changed from ascites to tissue culture supernatant on 24th June 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.

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### Properties

<table>
<thead>
<tr>
<th>Form</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage instructions</td>
<td>Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.</td>
</tr>
<tr>
<td>Storage buffer</td>
<td>Preservative: None</td>
</tr>
<tr>
<td></td>
<td>Constituents: PBS, pH 7.2</td>
</tr>
<tr>
<td>Purity</td>
<td>Tissue culture supernatant</td>
</tr>
<tr>
<td>Clonality</td>
<td>Monoclonal</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG2a</td>
</tr>
</tbody>
</table>

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### Applications

Our Abpromise guarantee covers the use of ab66062 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Function
May play a role in T-helper cell development and the regulation of asthma and allergic diseases.
Receptor for TIMD4 (By similarity). In case of human hepatitis A virus (HHAV) infection, functions as a cell-surface receptor for the virus. May play a role in kidney injury and repair.

Tissue specificity
Widely expressed, with highest levels in kidney and testis. Expressed by activated CD4+ T-cells during the development of helper T-cells responses.

Sequence similarities
Belongs to the immunoglobulin superfamily. TIM family.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization
Membrane.

Target

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Images

Western blot - Anti-TIM 1 antibody (ab66062)

All lanes: Anti-TIM 1 antibody (ab66062) at 1 µg/ml
Lane 1: TIM 1 transfected 293T cell lysate
Lane 2: Non-transfected 293T cell lysate
Lysates/proteins at 50 µg per lane.

Secondary
All lanes: Goat Anti-Mouse IgG at 1/2500 dilution

Predicted band size: 39 kDa
Observed band size: 36 kDa
why is the actual band size different from the predicted?
Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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