

Product datasheet

Anti-TIM 1 antibody ab66062

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Overview

Product name	Anti-TIM 1 antibody
Description	Mouse monoclonal to TIM 1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee
Immunogen	Recombinant fragment with tag: KVGGEAGPSV TLPCHYSGAV TSMCWNRGSC SLFTCQNGV WTNGTHVTYR KDTRYKLLGD LSRRDVSLTI ENTAVSDSGV YCCRVEHRGW FNDMKITVSL, corresponding to amino acids 23-123 of Human TIM 1 Run BLAST with ExPASy Run BLAST with NCBI
Positive control	TIM 1 transfected 293T cell lysate.
General notes	<p>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.</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.4 Constituent: PBS
Purity	Tissue culture supernatant
Clonality	Monoclonal
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab66062** in the following tested applications.

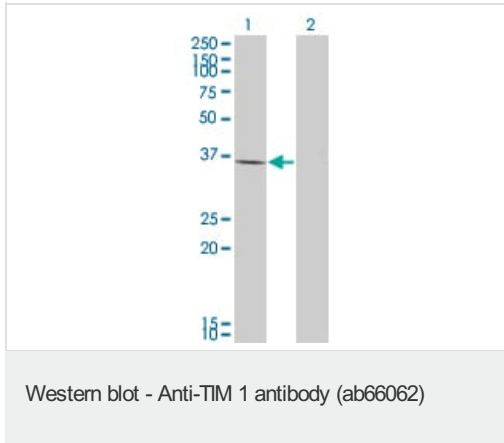
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 36 kDa (predicted molecular weight: 39 kDa).

Target

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.

Images



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?](#)

This image was generated using the ascites version of the product.

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

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