

Product datasheet

Anti-TIM 4 antibody ab47637

[9 References](#) [5 Images](#)

Overview

Product name	Anti-TIM 4 antibody
Description	Rabbit polyclonal to TIM 4
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to Human TIM 4 (internal sequence). A 16 aminoacid synthetic peptide from near the center of human TIM 4 Database link: Q96H15
Positive control	Jurkat whole cell lysate (ab7899)
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab47637 in the following tested applications.

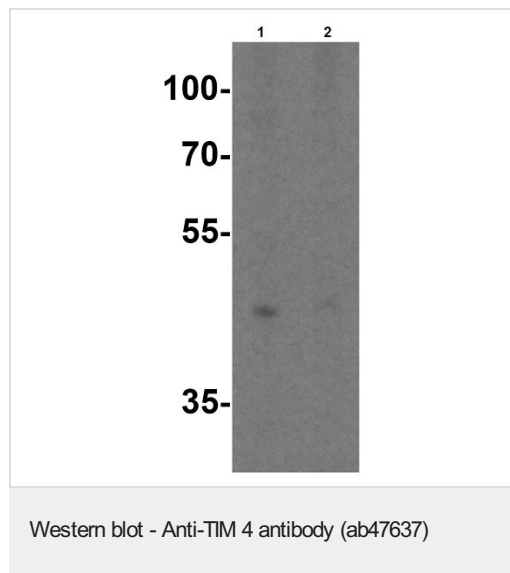
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 2 µg/ml. Predicted molecular weight: 42 kDa.
ICC/IF		Use a concentration of 10 - 20 µg/ml.
IHC-P		Use a concentration of 2 µg/ml.

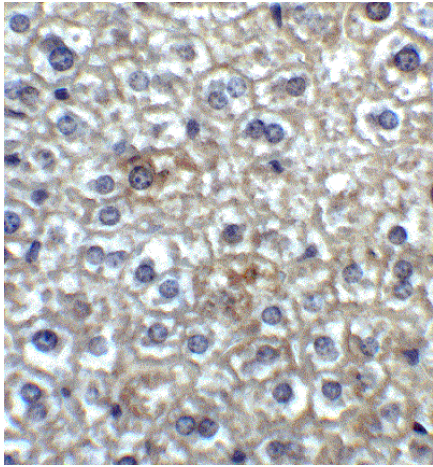
Target

Function	Phosphatidylserine receptor that enhances the engulfment of apoptotic cells. Involved in regulating T-cell proliferation and lymphotoxin signaling. Ligand for HAVCR1/TIMD1.
Sequence similarities	Belongs to the immunoglobulin superfamily. TIM family. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Domain	Recognizes phosphatidyl serine via its immunoglobulin domain.
Cellular localization	Membrane.

Images

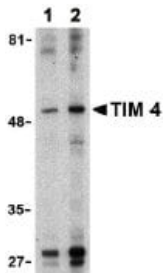


Western Blot of RAW264.7 cell lysate labeling TIM 4 with Anti-TIM 4 antibody (ab47637) at 2µg/ml in (1) the absence and (2) the presence of blocking peptide.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TIM 4 antibody (ab47637)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of mouse liver tissue staining TIM 4 with ab47637 at 2µg/ml



Western blot - Anti-TIM 4 antibody (ab47637)

Lane 1 : Anti-TIM 4 antibody (ab47637) at 1 µg/ml

Lane 2 : Anti-TIM 4 antibody (ab47637) at 2 µg/ml

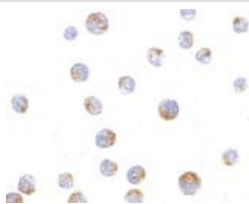
All lanes : Jurkat cell lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 42 kDa

Observed band size: 50 kDa

Additional bands at: 27 kDa, 30 kDa, 75 kDa. We are unsure as to the identity of these extra bands.



Immunocytochemistry/ Immunofluorescence - Anti-TIM 4 antibody (ab47637)

ab47637 at 10µg/ml staining TIM 4 in Jurkat cells by ICC/IF

Immunocytochemistry/ Immunofluorescence - Anti-TIM 4 antibody (ab47637)

Immunofluorescence of TIM-4 in Jurkat cells using ab47637 at 20 ug/ml.

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

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