

Product datasheet

Anti-TRIM23/ARD1 antibody ab97291

[2 References](#) [3 Images](#)

Overview

Product name	Anti-TRIM23/ARD1 antibody
Description	Rabbit polyclonal to TRIM23/ARD1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human TRIM23/ARD1 aa 2-14. Database link: NP_150230
Positive control	WB: HeLaS3 whole cell lysate IHC-P: Gastric CA ICC/IF: HeLa cell
General notes	This product was previously labelled as TRIM23

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

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.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

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.

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.

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.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 79.99% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab97291** in the following tested applications.

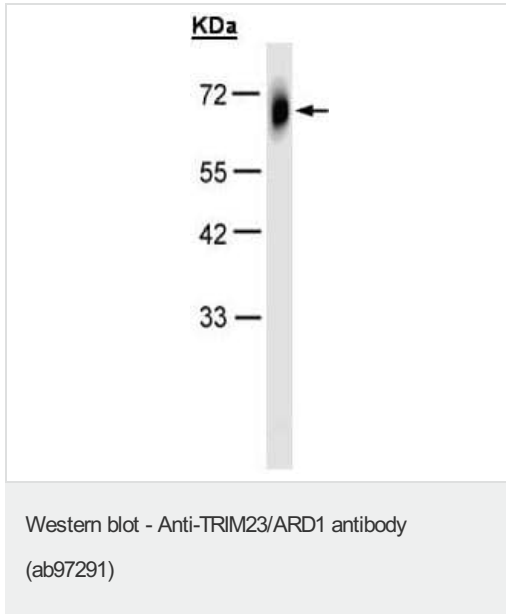
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/300. Predicted molecular weight: 64 kDa.
IHC-P		1/100 - 1/500.
ICC/IF		1/100 - 1/200.

Target

Function	Acts as an E3 ubiquitin-protein ligase. In the presence of the human cytomegalovirus (HCMV) protein UL144, participates in 'Lys-63'-linked auto-ubiquitination of TRAF6 resulting in the virally controlled activation of NF-kappa-B at early time of infection. The C-terminus can act as an allosteric activator of the cholera toxin catalytic subunit.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	In the C-terminal section; belongs to the small GTPase superfamily. Arf family. Contains 1 B box-type zinc finger. Contains 1 RING-type zinc finger.
Domain	The RING-type zinc finger domain is responsible for E3 ubiquitin ligase activity.
Cellular localization	Endomembrane system. Golgi apparatus membrane. Lysosome membrane. Membrane-associated with the Golgi complex and lysosomal structures.

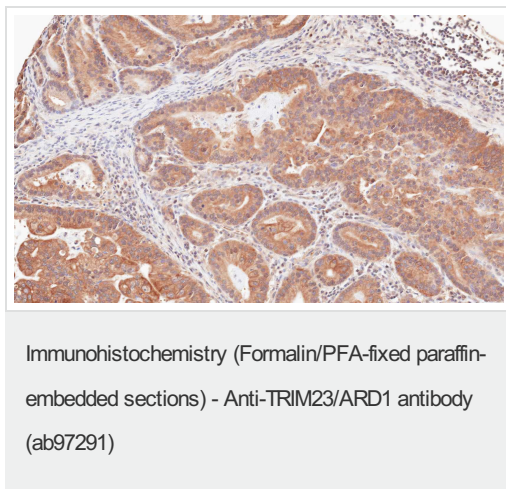
Images



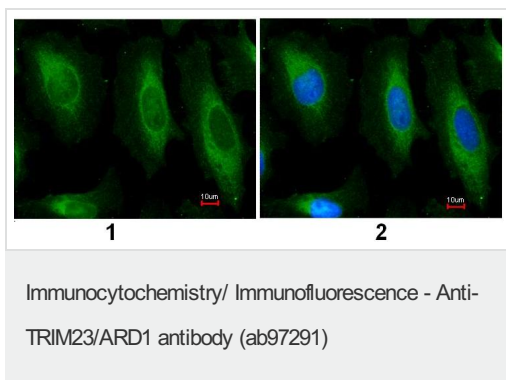
Anti-TRIM23/ARD1 antibody (ab97291) at 1/1000 dilution + HeLa S3 whole cell lysate at 30 μ g

Predicted band size: 64 kDa

10% SDS PAGE



Immunohistochemical analysis of TRIM23/ARD1 in paraffin embedded gastric CA, using ab97291 at a 1/100 dilution.



Immunofluorescence analysis of TRIM23/ARD1 in paraformaldehyde fixed HeLa, using ab97291 at a 1/200 dilution. Image 1: without co-staining; image 2: co-stained with Hoechst 33342.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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