

Product datasheet

Anti-TIMP1 antibody [RM0136-6A34] ab86482

[11 References](#) [1 Image](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-TIMP1 antibody [RM0136-6A34] |
| Description | Rat monoclonal [RM0136-6A34] to TIMP1 |
| Host species | Rat |
| Tested applications | Suitable for: IHC-Fr, WB |
| Species reactivity | Reacts with: Mouse |
| Immunogen | Recombinant full length Mouse protein |
| Positive control | WB: Mouse embryonic tissue |
| 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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Constituent: PBS |
| Purification notes | The IgG fraction of culture supernatant was purified by protein A/G affinity chromatography and 0.2µm filtered. |
| Clonality | Monoclonal |
| Clone number | RM0136-6A34 |
| Isotype | IgG2 |

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab86482 in the following tested applications.

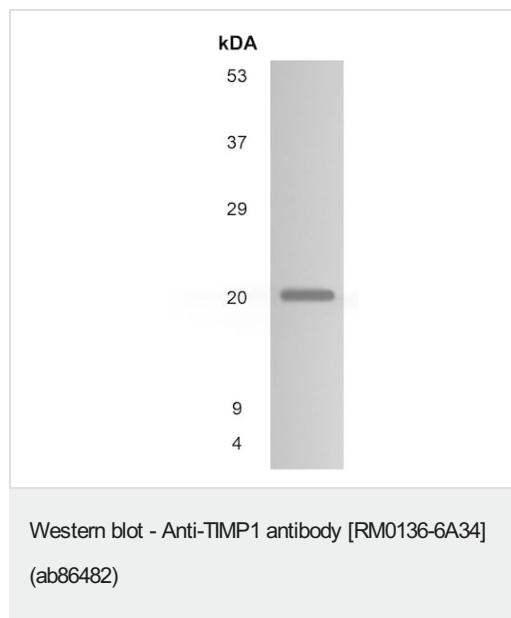
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| IHC-Fr | | Use at an assay dependent concentration. PubMed: 21652631 |
| WB | | 1/500 - 1/1000. Predicted molecular weight: 23 kDa. |

Target

| | |
|---|--|
| Function | Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Also mediates erythropoiesis in vitro; but, unlike IL-3, it is species-specific, stimulating the growth and differentiation of only human and murine erythroid progenitors. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-11, MMP-12, MMP-13 and MMP-16. Does not act on MMP-14. |
| Sequence similarities | Belongs to the protease inhibitor I35 (TIMP) family. Contains 1 NTR domain. |
| Post-translational modifications | The activity of TIMP1 is dependent on the presence of disulfide bonds. |
| Cellular localization | Secreted. |

Images



Anti-TIMP1 antibody [RM0136-6A34] (ab86482) at 1/500 dilution +
Mouse embryonic tissue

Predicted band size: 23 kDa

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

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