

## Product datasheet

# Mouse TIMP2 Antibody Pair - BSA and Azide free ab244040

Recombinant RabMAb

[2 Images](#)

### Overview

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|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Mouse TIMP2 Antibody Pair - BSA and Azide free   |
| <b>Assay type</b>          | ELISA set  |
| <b>Range</b>               | 47 pg/ml - 3000 pg/ml  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse  |
| <b>Product overview</b>    | <p>The Antibody Pair can be used to quantify Mouse TIMP2. BSA and Azide free antibody pairs include unconjugated capture and detector antibodies suitable for sandwich ELISAs. The antibodies are provided at an approximate concentration of 1 mg/ml as measured by the protein A280 method. The recommended antibody orientation is based on internal optimization for ELISA-based assays. Antibody orientation is assay dependent and needs to be optimized for each assay type. Both capture and detector antibodies are rabbit monoclonal antibodies delivering consistent, specific, and sensitive results.</p> <p>For additional information on the performance of the antibody pair, see the equivalent SimpleStep ELISA® Kit (<a href="#">ab227893</a>), which uses the same antibodies. However, due to differences in their formulation, this antibody pair cannot be used with the consumables provided with our SimpleStep ELISA Kits. Please note that the range provided for the pairs is only an estimation based on the performance of the related product using the same antibody pair. Performance of the antibody pair will depend on the specific characteristics of your assay. We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibody pair in your assay.</p> |
| <b>Tested applications</b> | <b>Suitable for:</b> Sandwich ELISA  |
| <b>Platform</b>            | Reagents   |

### Properties

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|                             |   |
|-----------------------------|---|
| <b>Storage instructions</b> | Store at +4°C. Please refer to protocols. |
| <b>Carrier free</b>         | Yes                                       |

| Components                                   | 10 x 96 tests |
|--|---------------|
| Mouse TIMP2 Capture Antibody (unconjugated)  | 1 x 100µg     |
| Mouse TIMP2 Detector Antibody (unconjugated) | 1 x 100µg     |

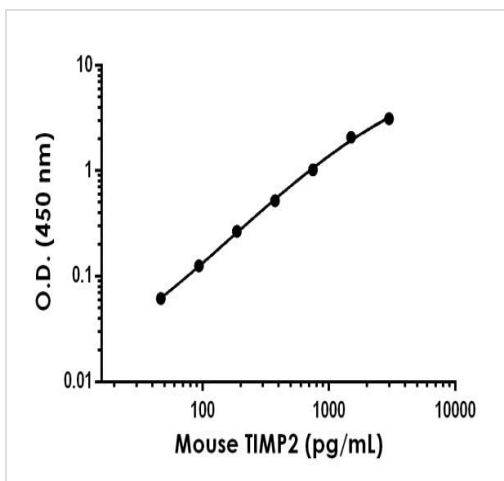
|   |  |
|---|--|
| <b>Function</b>                         | Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-13, MMP-14, MMP-15, MMP-16 and MMP-19. |
| <b>Sequence similarities</b>            | Belongs to the protease inhibitor I35 (TIMP) family.<br>Contains 1 NTR domain.   |
| <b>Post-translational modifications</b> | The activity of TIMP2 is dependent on the presence of disulfide bonds.   |
| <b>Cellular localization</b>            | Secreted.  |

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab244040 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                                    |
|-----------------------|-----------|--|
| <b>Sandwich ELISA</b> |           | Use at an assay dependent concentration. |

## Images



Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab227893](#)), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.

Sandwich ELISA - Mouse TIMP2 Antibody Pair - BSA and Azide free (ab244040)

Powered by  
recombinant antibodies



**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Sandwich ELISA - Mouse TIMP2 Antibody Pair -  
BSA and Azide free (ab244040)

To learn more about the advantages of recombinant antibodies see [here](#).

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

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- Extensive multi-media technical resources to help you
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