

Datasheet: 9013-2609

Description:	SHEEP ANTI HUMAN TIMP-2 (LOOP 6)
Specificity:	TIMP-2 (LOOP 6)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation	▪			
Western Blotting	▪			
Immunofluorescence	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Rat, Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography on Protein G

Buffer Solution

Phosphate buffered saline

Preservative

0.09% Sodium Azide (NaN₃)

Stabilisers

Approx. Protein Concentrations IgG concentration 5.0 mg/ml

Immunogen Synthetic peptide corresponding to the loop 6 region of the native molecule conjugated to Keyhole Limpet Haemocyanin.

External Database Links

UniProt:
[P16035](#) [Related reagents](#)

Entrez Gene:
[7077](#) TIMP2 [Related reagents](#)

RRID AB_620423

Specificity **Sheep anti Human TIMP-2 antibody** recognizes human TIMP-2, a tissue inhibitor that complexes with and irreversibly inactivates various metalloproteinases.

References

1. Chu, S.C. *et al.* (2004) Silibinin inhibits the invasion of human lung cancer cells via decreased productions of urokinase-plasminogen activator and matrix metalloproteinase-2. [Mol Carcinog. 40 \(3\): 143-9.](#)
 2. Chen, P.N. *et al.* (2006) Mulberry anthocyanins, cyanidin 3-rutinoside and cyanidin 3-glucoside, exhibited an inhibitory effect on the migration and invasion of a human lung cancer cell line. [Cancer Lett. 235 \(2\): 248-59.](#)
 3. Ho, M.L. *et al.* (2011) Antimetastatic Potentials of *Dioscorea nipponica* on Melanoma *In Vitro* and *In Vivo*. [Evid Based Complement Alternat Med. 2011: 507920.](#)
 4. Jaworski, D.M. *et al.* (2011) Sexually dimorphic diet-induced insulin resistance in obese tissue inhibitor of metalloproteinase-2 (TIMP-2)-deficient mice. [Endocrinology. 152 \(4\): 1300-13.](#)
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Storage This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/9013-2609>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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