

## Datasheet: AHP2735

**BATCH NUMBER 150436**

<b>Description:</b>	RABBIT ANTI MMP-2
<b>Specificity:</b>	MMP-2
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µl

### 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/50 - 1/200
Western Blotting	▪			1/500 - 1/10000

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 appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to MMP-2 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.02% Sodium Azide
<b>Stabilisers</b>	50% Glycerol
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 40-280 of human MMP-2

#### External Database Links

##### UniProt:

[P08253](#)

[Related reagents](#)

**Entrez Gene:**[4313](#) [MMP2](#) [Related reagents](#)

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<b>Synonyms</b>	CLG4A
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<b>Specificity</b>	<b>Rabbit anti MMP-2 antibody</b> recognizes 72 kDa type IV collagenase, also known as 72 kDa gelatinase, gelatinase A, MMP-2 and TBE-1. It belongs to the matrix metalloproteinases (MMPs) family ( <a href="#">McCawley and Matrisian 2001</a> ) related to zinc-dependent endopeptidases of Metzincin family ( <a href="#">Mannello and Medda 2012</a> ). MMPs are produced and assembled in the cytoplasm as proenzymes ( <a href="#">Xie et al. 2017</a> ). The expression of MMP2 has been associated with poor prognosis in brain neoplasms ( <a href="#">Jaalinoja et al. 2000</a> ), ovarian carcinoma ( <a href="#">Davidson et al. 1999</a> ) and lung carcinoma ( <a href="#">Kodate et al. 1997</a> ).
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<b>Western Blotting</b>	Rabbit anti MMP-2 antibody detects a band of approximately 70 kDa in U-87MG and A375 cell lysates and mouse liver tissue under reducing conditions
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<b>Storage</b>	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10049 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2735">https://www.bio-rad-antibodies.com/SDS/AHP2735</a> 10049
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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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](https://www.bio-rad-antibodies.com/datasheets)

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