

Datasheet: AHP2735

BATCH NUMBER 148747

Description:	RABBIT ANTI MMP-2
Specificity:	MMP-2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	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.
Buffer Solution	Phosphate buffered saline
Preservative	0.02% Sodium Azide
Stabilisers	50% Glycerol
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 40-280 of human MMP-2

External Database Links

UniProt:

[P08253](https://www.uniprot.org/entry/P08253)

[Related reagents](#)

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

Synonyms	CLG4A
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Specificity	Rabbit anti MMP-2 antibody 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 (McCawley and Matrisian 2001) related to zinc-dependent endopeptidases of Metzincin family (Mannello and Medda 2012). MMPs are produced and assembled in the cytoplasm as proenzymes (Xie et al. 2017). The expression of MMP2 has been associated with poor prognosis in brain neoplasms (Jaalinoja et al. 2000), ovarian carcinoma (Davidson et al. 1999) and lung carcinoma (Kodate et al. 1997).
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Western Blotting	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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Storage	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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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/AHP2735 10049
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Regulatory	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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