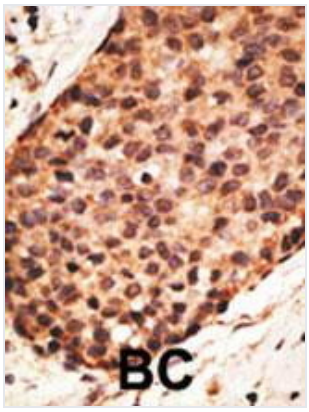
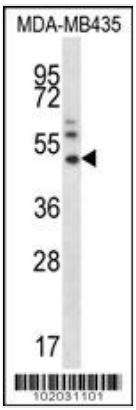
MMP16 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MMP16, Polyclonal Antibody
Full Product Name	MMP16, NT (Matrix Metalloproteinase-16, MMP-16, Membrane-type Matrix Metalloproteinase 3, MT-MMP 3, MTMMP3, Membrane-type-3 Matrix Metalloproteinase, MT3-MMP, MT3MMP, MMP-X2, MMPX2) (Azide free) (HRP)
Product Gene Name	anti-MMP16 antibody
Product Synonym Gene Name	MM16
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Hamster
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human MMP16. Species Crossreactivity: hamster.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	69.521
Immunogen	Synthetic peptide selected from the N-terminal region of human MMP16 (KLH).
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-MMP16 antibody	Antibodies; Matrix Metalloproteinases
Applications Tested/Suitable for anti-MMP16 antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-MMP16 antibody	IHC: 1:50-1:100 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-MMP16 antibody	MBS6487132 is an antibody targeting MMP16. Also known as MMP16, NT (Matrix Metalloproteinase-16, MMP-16, Membrane-type Matrix Metalloproteinase 3, MT-MMP 3, MTMMP3, Membrane-type-3 Matrix Metalloproteinase, MT3-MMP, MT3MMP, MMP-X2, MMPX2) (Azide free) (HRP). Reactive in Human, Hamster. Host: Rabbit.
Product References and Citations for anti-MMP16 antibody	1. Jung, M., et al., Prostate 55(2):89-98 (2003). 2. Nagase, H., et al., J. Biol. Chem. 274(31):21491-21494 (1999). 3. Matsumoto, S., et al., Biochim. Biophys. Acta 1354(2):159-170 (1997). 4. Sato, H., et al., Genomics 39(3):412-413 (1997). 5. Mattei, M.G., et al., Genomics 40(1):168-169 (1997).
Other Notes	Small volumes of anti-MMP16 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC) of anti-MMP16 antibody
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



Western Blot (WB) of anti-MMP16 antibody
MMP16 Antibody (E169) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the MMP16 antibody detected the MMP16 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MMP16. It may not necessarily be applicable to this product.

Protein Family	Matrix metalloproteinase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-hamster-human-antibody/mmp16/6487132