

Rabbit anti-Human MMP19 Polyclonal Antibody | anti-MMP19 antibody

MMP19 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287464	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

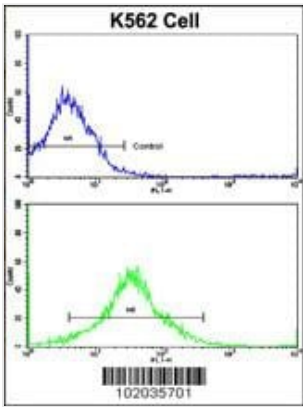
PRODUCT SYNONYMS

MMP19; Polyclonal Antibody; MMP19 Antibody (C-term); Matrix metalloproteinase-19; MMP-19; 3424-; Matrix metalloproteinase RASI; Matrix metalloproteinase-18; MMP-18; MMP18; RASI; anti-MMP19 antibody

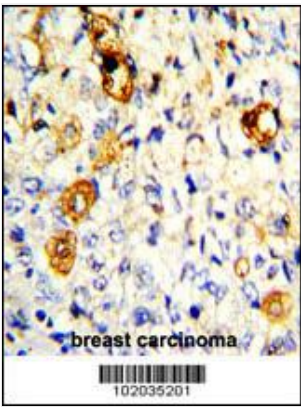
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MMP19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 344-373 amino acids from the C-terminal region of human MMP19.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	344-373
Sequence Length	305
Applicable Applications for anti-MMP19 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

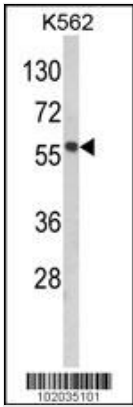
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of K562 cells using MMP19 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma with MMP19 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of hMMP19-R359 in K562 cell line lysates (35ug/lane). MMP19 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP19 antibody	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The function of MMP19 has not been determined. This gene was previously referred to as MMP18 but has been renamed matrix metalloproteinase 19 (MMP19).
Product Categories/Family for anti-MMP19 antibody	Cancer; Cardiovascular; Cell biology; Signal transduction
References	Sadowski, T., et al., Mol. Biol. Cell 14(11):4569-4580 (2003). Impola, U., et al., Int. J. Cancer 103(6):709-716 (2003). Mauch, S., et al., J. Immunol. 168(3):1244-1251 (2002). Stracke, J.O., et al., J. Biol. Chem. 275(20):14809-14816 (2000). Nagase, H., et al., J. Biol. Chem. 274(31):21491-21494 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	442535505
NCBI GeneID	4327
NCBI Accession #	NP_001259030.1; NP_002420.1

NCBI GenBank Nucleotide #	NM_001272101.1
UniProt Accession #	Q99542; O15278; O95606; Q99580; B4E030
Molecular Weight	57357
NCBI Official Full Name	matrix metalloproteinase-19 isoform 3 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 19
NCBI Official Symbol	MMP19
NCBI Official Synonym Symbols	MMP18; RASI-1
NCBI Protein Information	matrix metalloproteinase-19
UniProt Protein Name	Matrix metalloproteinase-19
UniProt Gene Name	MMP19
UniProt Synonym Gene Names	MMP18; RASI; MMP-19; MMP-18
UniProt Entry Name	MMP19_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mmp19-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287464>