

**Antibody to MMP-9**  
MOUSE MONOCLONAL

**Catalog Number:** AB-32  
**Quantity:** 1 milliliter  
**Format:** Hybridoma supernatant  
**Host:** Mouse  
**Isotype:** IgG1, k  
**Clone:** 2C3  
**Immunogen:** ovalbumin-conjugated Synthetic peptide KLGLGADVAQVT (c-terminal sequence)

**Specificity & Preparation:** This antibody targets human matrix metalloproteinase 9 (MMP-9) in homo sapiens. The immunogen was ovalbumin-conjugated synthetic peptide KLGLGADVAQVT (c-terminal sequence specific to human) in BALB-c mouse.

**Usage:** Applications include immunoblotting (western undiluted) and immunohistochemistry (undiluted, antigen retrieval: microwave 10 min @ 950W in 10 mM citrate buffer, pH 6.0). Working dilutions must be determined by end user.

**Storage:** Store the antibody at 4°C for one year. Avoid repeated freezing and thawing. Gently spin down material 5-10 seconds in a microfuge before use.



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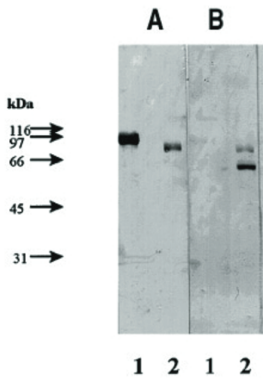


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**Selected References:**

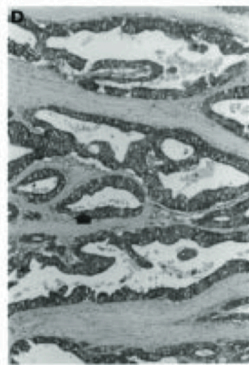
1. Duncan ME, Richardson JP, Murray GI, Melvin WT, Fothergill JE (1998) Human matrix metalloproteinase-9: Activation by limited trypsin treatment and generation of monoclonal antibodies specific for the activated form. *Eur J Biochem* 258:37-43.
2. Murray GI, Duncan ME, Arbuckle E, Melvin WT, Fothergill JE (1998) Matrix metalloproteinases and their inhibitors in gastric cancer. *Gut* 43:791-797.

To view protocol(s) for this and other products please visit: [www.ATSBio.com/library/protocols](http://www.ATSBio.com/library/protocols)



**Immunoblot on MMP-9 proenzyme and activated MMP-9 proenzyme.**

Section A was incubated with Anti-MMP-9 (Cat #AB-32) as undiluted hybridoma supernatant. Section B was incubated with Anti-actMMP-9 (Cat #AB-28) as undiluted hybridoma supernatant. (1)



Gastric intestinal cancer stained with Anti-MMP-9 (Cat #AB-32) as undiluted hybridoma supernatant. (2)