

## Anti-MMP15 antibody

<b>Cat. No.</b>	ml220991
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-MMP15 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Fusion protein of human MMP15
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.3 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	MMP15
<b>Full name</b>	matrix metalloproteinase 15 (membrane-inserted)
<b>Synonyms</b>	MTMMP2, SMCP-2, MT2-MMP
<b>Swissprot</b>	P51511

### Target Background

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 MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily; each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted.

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**Applications**

**Western blotting**

Predicted band size:76 kDa

Positive control:Mouse heart tissue

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane: Mouse heart tissue

Primary antibody: ml220991(MMP15 Antibody) at dilution  
1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 90 seconds



**ELISA**

Recommended dilution:1000-5000

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