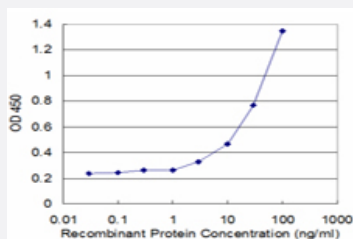


# MMP23B monoclonal antibody (M02), clone 1D8

Catalog # H00008510-M02

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MMP23B is approximately 3ng/ml as a capture antibody.

## Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MMP23B.
Immunogen	MMP23B (NP_008914, 241 a.a. ~ 340 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LSQDELWGLHRLYGCLDRLFCASWARRGFCDARRRLMKRLCPSSCDFCYEFPFPTVATTPPP PRTKTRLVPEGRNVTFRCGQKILHKKGKVYWKDQEP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (87)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MMP23B is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — MMP23B

Entrez GeneID	<a href="#">8510</a>
---------------	----------------------

GeneBank Accession#	<a href="#">NM_006983</a>
---------------------	---------------------------

Protein Accession#	<a href="#">NP_008914</a>
--------------------	---------------------------

Gene Name	MMP23B
-----------	--------

Gene Alias	MIFR, MIFR-1, MMP22
------------	---------------------

Gene Description	matrix metalloproteinase 23B
------------------	------------------------------

Omim ID	<a href="#">603321</a>
---------	------------------------

Gene Ontology	<a href="#">Hyperlink</a>
---------------	---------------------------

Gene Summary	This gene (MMP23B) encodes a member of the matrix metalloproteinase (MMP) family, and it is part of a duplicated region of chromosome 1p36.3. 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. This gene belongs to the more telomeric copy of the duplicated region. [provided by RefSeq]
--------------	---

Other Designations	OTTHUMP00000083434 femalysin matrix metalloproteinase 22 matrix metalloproteinase 23B matrix metalloproteinase in the female reproductive tract
--------------------	---