

MMP2 Monoclonal Antibody (VB3)

Product Details	
Size	200 µg
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	VB3
Conjugate	Unconjugated
Immunogen	RecombinantHuman pro-MMP-2 (native, 72 kDa)
Form	Liquid
Purification	Protein G
Storage buffer	PBS, pH 7.4
Contains	no preservative
Storage Conditions	-20°C
RRID	AB_417078

Applications	Tested Dilution	Publications
Immunofluorescence (IF)	Assay Dependent	-
Immunoprecipitation (IP)	Assay Dependent	-
Western Blot (WB)	Assay Dependent	11 Publications
Immunohistochemistry (IHC)	-	22 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication

Product Specific Information

MS804PABX targets MMP-2 in IF, IP, and WB applications and shows reactivity with Human samples.

The MS804PABX immunogen is recombinantHuman pro-MMP-2 (native, 72 kDa).

MS804PABX detects MMP-2 which has a predicted molecular weight of approximately 62 kDa.

Immunohistochemistry (Paraffin) (1)

Molecular human reproduction

GnRH regulates trophoblast invasion via RUNX2-mediated MMP2/9 expression.

"MS804PABX was used in immunohistochemistry - paraffin section and western blot to assess the roles of Runt-related transcription factor 2 and matrix metalloproteinase 2 and 9 in basal and gonadotrophin-releasing hormone-induced human extravillous trophoblast cell invasion"

Authors: Peng B,Zhu H,Klausen C,Ma L,Wang YL,Leung PC

Species
Human

Dilution
Not Cited

Year
2016

Immunohistochemistry (22)

The Chinese journal of physiology

Expression of LGR8 and related biomarkers in hepatocellular carcinoma: correlation with clinicopathological parameters.

"MS804PABX was used in immunohistochemistry to study the expression of LGR8, VEGF, MMP-2, MMP-9, fascin-1 and cortactin in hepatocellular carcinoma and their relationship with clinicopathology"

Authors: Lin CK,Jin JS,Yu CP,Tsai WC

Species
Human

Dilution
1:100

Year
2011

Journal of cancer research and clinical oncology

Expression of metalloproteases and their inhibitors by tumor and stromal cells in ductal carcinoma in situ of the breast and their relationship with microinvasive events.

"MS804PABX was used in immunohistochemistry to study the immunohistochemical expression of MMPs and TIMPs in ductal carcinoma in situ of the breast"

Authors: González LO,González-Reyes S,Junquera S,Marín L,González L,Del Casar JM,González JM,Vizoso F

Species
Human

Dilution
1:50

Year
2010

[View more IHC references on thermofisher.com](#)

Western Blot (11)

BMC cancer

Human mammary fibroblasts stimulate invasion of breast cancer cells in a three-dimensional culture and increase stroma development in mouse xenografts.

"MS804PABX was used in western blot to study the effects of fibroblasts on mammary carcinoma cells."

Authors: Olsen CJ,Moreira J,Lukanidin EM,Ambartsumian NS

Species
Mouse

Dilution
1:600

Year
2010

[View more WB references on thermofisher.com](#)

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