Anti-MMP2 Antibody

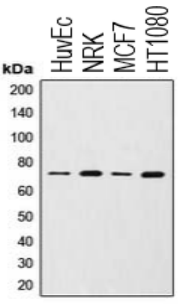
03/21

CATALOG NO.:	**A2310-50 (50 µg)** **A2310-100 (100 µg)**

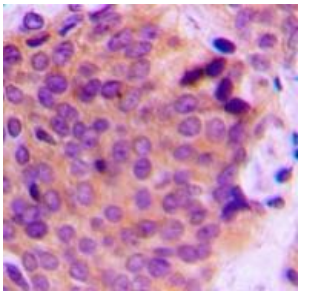
BACKGROUND DESCRIPTION: Matrix metalloproteinase 2 (MMP2), a zinc-dependent enzyme capable of cleaving components of the extracellular matrix, is a member of the matrix metalloproteinase family. MMP2 can be activated extracellularly by proteases, or in the cytosol through S-glutathiolation. MMP2 is thought to be involved in multiple activities in the nervous system, endometrial menstrual breakdown, regulation of vascularization, and metastasis. Its roles in the remodeling of the vasculature, angiogenesis, tissue repair, inflammation, and tumor invasion make MMP2 a crucial tumor biomarker.

ALTERNATE NAMES:	TBE-1; Neutrophil Gelatinase; CLG4A; CLG4; MMP-2; MMP-II; MONA
ANTIBODY TYPE:	Polyclonal
HOST/ISOTYPE:	Rabbit / IgG
IMMUNOGEN:	KLH-conjugated synthetic peptide corresponding to C-term region of human MMP2
PURIFICATION:	Immunogen affinity chromatography
MOLECULAR WEIGHT:	74 kDa
FORM:	Liquid
FORMULATION:	In 0.42% potassium phosphate, 0.87% NaCl, pH 7.3 with 30% glycerol and 0.01% sodium azide
SPECIES REACTIVITY:	Human, Mouse, Rat, Dog, Bovine, Pig
STORAGE CONDITIONS:	Aliquot and store at -20 °C. Avoid repeated freeze-thaw cycles
APPLICATIONS:	Western Blot (WB): 1:500 to 1:1000 dilution; Immunohistochemistry (IHC): 1:100 to 1:200 dilution Immunofluorescence (IF): 1:100 to 1:500 dilution

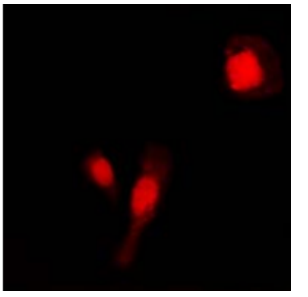
This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of lysates from various cell lines using Anti-MMP2 Antibody



IHC analysis of human breast cancer tissue sample using Anti-MMP2 Antibody



Immunofluorescence of COLO205 cells using Anti-MMP2 Antibody

RELATED PRODUCTS:

MMP-17 Antibody (Cat. No. 3537)
MMP-3 Antibody (Cat. No. 5783)
MMP-2 Antibody (Cat. No. 5562R)
MMP-12 Antibody (Cat. No. 3732)
MMP-1 Antibody (Cat. No. 5781)

FOR RESEARCH USE ONLY! Not to be used on humans.

Gentaur Europe BVBA Voortstraat 49, 1910 Kampenhout BELGIUM
Tel 0032 16 58 90 45 info@gentaur.com

155 S. Milpitas Blvd., Milpitas, CA 95035 USA | T: (408)493-1800 F: (408)493-1801 | www.biovision.com | tech@biovision.com