

DESCRIPTION

Species Reactivity	Human/Primate
Specificity	Detects human MMP-9 in Western blots. Does not react with the C-terminal truncated form (65 kDa) of recombinant human (rh) MMP-9. In Western blots, approximately 5% cross-reactivity with rhMMP-2 and no cross-reactivity with rhMMP-1 or rhMMP-3 is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 36020
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human MMP-9
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

ELISA Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunoprecipitation	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Pro Matrix Metalloproteinase 9 (Pro-MMP-9) is an inactive proenzyme secreted by multiple cell types. The N-terminal pro region is proteolytically removed, resulting in active MMP-9, which can degrade collagens and elastin as well as several non-ECM molecules.

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