

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MMP-15/MT2-MMP in direct ELISAs and Western blots. Does not detect the catalytic domain of <i>E. coli</i> -expressed recombinant human MMP-15 (aa 132-304).
Source	Monoclonal Mouse IgG ₁ Clone # 130522
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human MMP-15 aa 132-625
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	0.25-1 µg/10 ⁶ cells	SW480 human colorectal adenocarcinoma cell line fixed with paraformaldehyde and permeabilized with saponin

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

MMP-15, also known as membrane-type 2 (MT2) MMP, is a cell surface endopeptidase that plays a role in tumor invasion and metastasis.

PRODUCT SPECIFIC NOTICES

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