

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MMP-25/MT6-MMP Hemopexin Domain in Western blots. It recognizes <i>E. coli</i> -expressed hemopexin domain and NS0-expressed recombinant human MMP-25.
Source	Monoclonal Mouse IgG ₁ Clone # 141825
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human MMP-25 Pro314-Cys508 Accession # Q9NPA2
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	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

Matrix Metalloproteinase 25 (MMP-25), also known as MT6-MMP or Leukolysin, is a GPI-linked protease expressed by neutrophils. The extracellular domain of MMP-25 consists of a pro region, a catalytic domain and a hemopexin domain. MMP-25 cleaves collagen type 4, gelatin, fibronectin and fibrin.

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