

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Cystatin SN in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) Cystatins A, B, C, D, S, SA, E/M, rhFetuin A, rhFetuin B, rhHPRG, or rhThrombin is o
Source	Monoclonal Mouse IgG _{2B} Clone # 213139
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Cystatin SN Trp21-Ser141 (predicted) Accession # P01037
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.
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

Cystatin SN is a member of family 2 of the cystatin superfamily (1). Together with cystatins S and SA, it is produced by the salivary gland and secreted largely in the submandibular/sublingual saliva (2). Cystatin SN inhibits members of the papain family including cathepsins B, C, H and L (3).

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