

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Cystatin SA in direct ELISAs and Western blots. In direct ELISAs, this antibody shows 100% cross-reactivity with recombinant human (rh) Cystatin S and SN and no cross-reactivity with rhCystatin A, B, C, D, E/M, rhFetuin A, B, and rhHPRG (Histidine-Proline-Rich Glycoprotein).
Source	Monoclonal Mouse IgG _{2B} Clone # 202332
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Cystatin SA aa 21-141 Accession # P09228
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

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
Western Blot	1 µg/mL	Recombinant Human Cystatin SA (Catalog # 1201-PI)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Cystatin SA is an inhibitor of cysteine proteases and is produced by the salivary gland.