

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Cathepsin F in Western blots. In Western blots, approximately 25% cross-reactivity with recombinant human (rh) Cathepsin F is observed and less than 1% cross-reactivity with recombinant mouse (rm) Cathepsin C, rmCathepsin H, and rmCathepsin L is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Cathepsin F Ser20-Asn462 Accession # Q9R013
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

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	0.1 µg/mL	Recombinant Mouse Cathepsin F

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
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

Cathepsin F is a lysosomal cysteine protease that participates in protein degradation and has been implicated in tumor progression.