



11 Park Drive, Suite 12
Boston, MA 02215

Rat monoclonal anti mouse Cathepsin A

ORDERING INFORMATION

Catalog Number:	mAP-0160
Size:	100 µg
Storage:	< -20° C
Immunogen:	Mouse recombinant protein of Cathepsin A
Ig Type:	Rat IgG2
Clone	RM0160-4A12
Applications:	WB and IHC

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with mouse **recombinant protein of Cathepsin-A**).

Formulation and Storage: The IgG fraction of culture supernatant was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS (final concentration 500µg/ml). Reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: This antibody detects mouse Cathepsin-A in direct ELISAs and immunohistochemistry experiments. In western blots, it recognizes the single chain (55 kDa) form of rmCathepsin A, which can be processed into heavy (32 kDa) and light (20 kDa) chains. It recognizes the heavy chain, but not the light chain.

Application(s)

1.	Western blotting	Yes	(1:500-1000)
2.	IHC (Frozen)	Yes	(1:100-400)

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Tel: 617-549-2665; Fax: (480) 247-4337, angioproteomie@gmail.com