

Product Datasheet

Cathepsin A/Lysosomal Carboxypeptidase A Antibody [CoraFluor™ 1] AF1049CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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AF1049CL1**Cathepsin A/Lysosomal Carboxypeptidase A Antibody [CoraFluor™ 1]**

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Antigen Affinity-purified
Buffer	PBS

Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. CoraFluor(TM) 1, amine reactive CoraFluor(TM) 1, thiol reactive For more information, please see our CoraFluor(TM) TR-FRET technology flyer.
Host	Goat
Gene ID	5476
Gene Symbol	CTSA
Species	Human
Specificity/Sensitivity	Detects both pro and active forms of human and mouse Cathepsin A/Lysosomal Carboxypeptidase A in direct ELISAs and Western blots. In Western blots, it recognizes all forms of recombinant human Cathepsin A: single chain (55 kDa), heavy chain (32 kDa), and light chain (20 kDa). Also in Western blots, less than 1% cross-reactivity with recombinant human (rh) Cathepsin B, rhCathepsin C, rhCathepsin D, rhCathepsin L, rhCathepsin L2/V, rhCathepsin O, rhCathepsin S and rhCathepsin X/Z/P is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Cathepsin A/Lysosomal Carboxypeptidase A Ala29-Tyr480 Accession # P10619
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details	
Applications	Western Blot, Immunohistochemistry



Recommended Dilutions	Western Blot, Immunohistochemistry
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to AF1049CL1

NBP2-52322-0.05mg	Recombinant Mouse Cathepsin A/Lysosomal Carboxypeptidase A His Protein
7268-CT-100	CTLA-4 [Unconjugated]
1049-SE-010	Cathepsin A/Lysosomal Carboxypeptidase A [Unconjugated]
AF965	Cathepsin B Antibody [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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