

Product Datasheet

Carboxypeptidase A1/CPA1 Antibody (477305)

[CoraFluor™ 1]

FAB2856CL1

Unit Size: 0.1 ml

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

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FAB2856CL1

Carboxypeptidase A1/CPA1 Antibody (477305) [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	Monoclonal
Clone	477305
Preservative	No Preservative
Isotype	IgG2b
Conjugate	CoraFluor 1
Purity	Protein A or G purified from hybridoma culture supernatant
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	Rat
Gene ID	1357
Gene Symbol	CPA1
Species	Human
Specificity/Sensitivity	Detects human Carboxypeptidase A1/CPA1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, 25% cross-reactivity with recombinant mouse (rm) Carboxypeptidase A1 is observed and no cross-reactivity with recombinant human (rh) Carboxypeptidase A2, B1, E, or recombinant mouse Carboxypeptidase A4 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Carboxypeptidase A1/CPA1 Lys17-Tyr419 Accession # P15085
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, Immunoprecipitation



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





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Products Related to FAB2856CL1

NBP2-33640PEP	Carboxypeptidase A1/CPA1 Recombinant Protein Antigen
H00005555-P01-10ug	Recombinant Human PRH2 GST (N-Term) Protein
2856-ZN-010	Carboxypeptidase A1/CPA1
NBP1-39474	Adenosine A2aR Antibody (7F6-G5-A2) - BSA Free

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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