

Product Datasheet

Cystatin S Antibody (201805) [CoraFluor™ 1] FAB1296CL1

Unit Size: 0.5 ml

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

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FAB1296CL1

Cystatin S Antibody (201805) [CoraFluor™ 1]

Product Information	
Unit Size	0.5 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	201805
Preservative	No Preservative
Isotype	IgG2b
Conjugate	CoraFluor 1
Purity	Protein A or G purified from hybridoma culture supernatant
Buffer	PBS

Product Description	
Description	<p>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.</p> <p>CoraFluor(TM) 1, amine reactive</p> <p>CoraFluor(TM) 1, thiol reactive</p> <p>For more information, please see our CoraFluor(TM) TR-FRET technology flyer.</p>
Host	Mouse
Gene ID	1472
Gene Symbol	CST4
Species	Human
Specificity/Sensitivity	<p>Detects human Cystatin S in direct ELISAs and Western blots. In direct ELISAs, 100% cross-reactivity with recombinant human (rh) Cystatin SA is observed and no cross-reactivity with rhCystatin D, E, SN, rhFetuin A, rhFetuin B, or rhHPRG (Histidine-Proline-Rich Glycoprotein) is observed. In Western blots, approximately 15% cross-reactivity with rhCystatins SA and SN (under reducing conditions only) is observed and no cross-reactivity with rhCystatin A, B, C, D, E/M, rhFetuin A, rhFetuin B, or rhHPRG is observed.</p>
Immunogen	<p>Mouse myeloma cell line NS0-derived recombinant human Cystatin S Ser21-Ala141 Accession # P01036</p>
Notes	<p>CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254</p>

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 FAB1296CL1

NBP2-33430PEP	Cystatin S Recombinant Protein Antigen
MSCTC0	Cystatin C [HRP]
1296-PI-050	Cystatin S
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum

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.

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