Product Datasheet

Carbonic Anhydrase XIV/CA14 Antibody (312908) [CoraFluor™ 1]

FAB2195CL1

Unit Size: 0.1 ml

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

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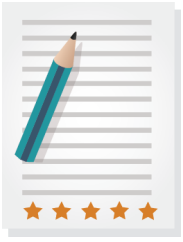

FAB2195CL1

Carbonic Anhydrase XIV/CA14 Antibody (312908) [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	312908
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	Mouse
Gene ID	23632
Gene Symbol	CA14
Species	Human
Specificity/Sensitivity	Detects human Carbonic Anhydrase XIV/CA14 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 50% cross□reactivity with recombinant mouse CA14, 10% cross□reactivity with recombinant human (rh) CA5A, and no cross-reactivity with rhCA1, 2, 3, 4, 6, 7, 8, 9, 10, 12, or 13 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Carbonic Anhydrase XIV/CA14 Gly19-Met290 Accession # Q9ULX7
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 FAB2195CL1

NBP1-87477PEP	Carbonic Anhydrase XIV/CA14 Recombinant Protein Antigen
H00005355-P01-10ug	Recombinant Human PLP2 GST (N-Term) Protein
2195-CA-010	Carbonic Anhydrase XIV/CA14 [Unconjugated]
NB100-417	Carbonic Anhydrase IX/CA9 Antibody - 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.

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