

# Product Datasheet

## **Carbonic Anhydrase VB/CA5B Antibody (030) [CoraFluor™ 1] NBP2-90091CL1**

Unit Size: 0.1 ml

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

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**NBP2-90091CL1**

Carbonic Anhydrase VB/CA5B Antibody (030) [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	030
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Protein A 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(IM) 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.
Host	Rabbit
Gene ID	11238
Gene Symbol	CA5B
Species	Human
Specificity/Sensitivity	No cross-reactivity in ELISA with:  Human CA2 Human CA3 Human CA4 Human CA5A Human CA8
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Human Carbonic Anhydrase VB/CA5B (Uniprot#: Q9Y2D0; Cys34-Pro 317).
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	ELISA
Recommended Dilutions	ELISA
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-90091CL1**

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NBP1-86090PEP	Carbonic Anhydrase VB/CA5B Recombinant Protein Antigen
DY1857-05	Lipocalin-2/NGAL [Biotin]
3176-CA-010	Carbonic Anhydrase VB/CA5B
DGD150	GDF-15 [HRP]

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### **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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