

# Product Datasheet

## **Creatine Kinase MB Antibody (1302 (1F2/1)) [CoraFluor™ 1] NB100-62195CL1**

Unit Size: 0.1 ml

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

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**NB100-62195CL1**

Creatine Kinase MB Antibody (1302 (1F2/1)) [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	1302 (1F2/1)
Preservative	No Preservative
Isotype	IgG2b
Conjugate	CoraFluor 1
Purity	Protein A or G purified
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><a href="#">CoraFluor(TM) 1, amine reactive</a></p> <p><a href="#">CoraFluor(TM) 1, thiol reactive</a></p> <p>For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a>.</p>
Host	Mouse
Gene ID	1152
Gene Symbol	CKB
Species	Human
Reactivity Notes	Not yet tested in other species.
Specificity/Sensitivity	Creatine phosphokinase, also known as creatine kinase (CK), is an enzyme expressed by various tissues and cell types. CK catalyses the conversion of creatine and consumes adenosine triphosphate (ATP) to create phosphocreatine and adenosine diphosphate (ADP). In cells, the "cytosolic" CK enzymes consist of two subunits, which can be either B (brain type) or M (muscle type). There are three different isoenzymes: CKMM, CKBB and CKMB. NB100-62195 recognises CKMB but does not distinguish between isoform CKMB1 and CKMB2. This antibody shows less than 0.1% reactivity with CKBB or CKMM and minimal reactivity with other human serum proteins.
Immunogen	Highly purified human CKMB
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, Radioimmunoassay
Recommended Dilutions	ELISA, Radioimmunoassay
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-62195CL1**

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210-TA-005	TNF-alpha [Unconjugated]
NBP2-75312	Mouse Creatine Kinase MB ELISA Kit (Colorimetric)
7954-GM-010/CF	GM-CSF [Unconjugated]
NB300-223	Vimentin Antibody

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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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