

# Product Datasheet

## **Creatine Kinase MB Antibody (1302 (1F2/1)) [Alexa Fluor™ Plus 488] NB100-62195AFP488**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-62195AFP488**

Creatine Kinase MB Antibody (1302 (1F2/1)) [Alexa Fluor™ Plus 488]

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.
Clonality	Monoclonal
Clone	1302 (1F2/1)
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	Alexa Fluor Plus 488
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	1152
Gene Symbol	CKB
Species	Human
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	This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

**Product Application Details**

<b>Applications</b>	ELISA, Radioimmunoassay
<b>Recommended Dilutions</b>	ELISA, Radioimmunoassay
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-62195AFP488**

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NBP2-27231AFP488	Mouse IgG2b Isotype Control (MPC-11) [Alexa Fluor® Plus 488]
210-TA-005	TNF-alpha [Unconjugated]
NBP2-75312	Mouse Creatine Kinase MB ELISA Kit (Colorimetric)
7954-GM-010/CF	GM-CSF [Unconjugated]

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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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