

# Product Datasheet

## **Creatine Kinase BB Antibody (CKB/1268) [Alexa Fluor® 405] NBP2-75763AF405**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-75763AF405**

Creatine Kinase BB Antibody (CKB/1268) [Alexa Fluor® 405]

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	CKB/1268
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 405
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	1152
Gene Symbol	CKB
Species	Human
Specificity/Sensitivity	Creatine kinases (CK) are a large family of isoenzymes that regulate levels of ATP in subcellular compartments, where they provide ATP at sites of fluctuating energy demand by the transfer of phosphates between creatine and adenine nucleotides. CKs provide the energy of phosphate hydrolysis necessary to drive the normal function of many cellular systems. 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. This monoclonal antibody recognizes the CKBB isoenzyme and does not react with the B subunit in CKMB. It shows minimal reactivity with other human serum proteins
Immunogen	Recombinant full-length human Creatine Kinase BB protein (Uniprot: P12277)



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



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### **Products Related to NBP2-75763AF405**

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IC002V	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 405]
NBP1-84460PEP	Creatine Kinase BB Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
9076-CK-050	Creatine Kinase BB [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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