

Product Datasheet

Creatine Kinase BB Antibody (CPTC-CKB-2) [Alexa Fluor® 594]

NBP3-08866AF594

Unit Size: 100 ul

Store at 4C in the dark.

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NBP3-08866AF594

Creatine Kinase BB Antibody (CPTC-CKB-2) [Alexa Fluor® 594]

| Product Information | |
|-------------------------|--|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | CPTC-CKB-2 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2b Kappa |
| Conjugate | Alexa Fluor 594 |
| 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. |
| Immunogen | Recombinant human full-length Creatine Kinase BB protein (Uniprot: P12277) |
| Notes | Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are 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, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . 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 | |
|-----------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot, Immunohistochemistry-Paraffin |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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Products Related to NBP3-08866AF594

| | |
|-----------------|---|
| NBP1-43317AF594 | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 594] |
| NBP1-84460PEP | Creatine Kinase BB Recombinant Protein Antigen |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 9076-CK-050 | Creatine Kinase BB [Unconjugated] |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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