

Product Datasheet

Creatine Kinase BB Antibody (2ba6) - Azide and BSA Free **NBP2-59601-100ug**

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-59601-100ug

Creatine Kinase BB Antibody (2ba6) - Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2ba6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS

Product Description

Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-59600). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	1152
Gene Symbol	CKB
Species	Human
Reactivity Notes	Predicted to react with Chimpanzee, Rhesus Monkey, Canine, Bovine, Mouse, Rat, Chicken, Zebrafish, Frog.
Specificity/Sensitivity	The specificity of this monoclonal antibody to its intended target was validated by HuProtTM Array, containing more than 19,000, full-length human proteins. The specificity of this monoclonal antibody to its intended target was validated by HuProt Array containing more than 19,000 full-length, correctly-folded human proteins. 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	Human Creatine Kinase BB protein (Uniprot: P12277)

Product Application Details

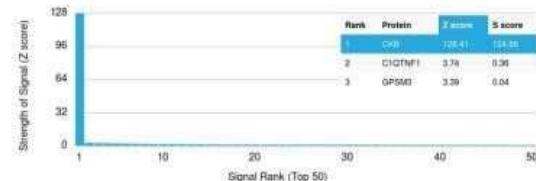
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Protein Array, CyTOF-ready
Recommended Dilutions	Flow Cytometry 0.5-1 ug/million cells, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5-1 ug/ml, Immunohistochemistry-Frozen, Protein Array, CyTOF-ready

Application Notes

ELISA: For coating, order Ab without BSA.
 Immunohistochemistry (Frozen Only): 1-2ug/ml for 30 minutes at RT.
 Optimal dilution for a specific application should be determined.

Images

Protein Array: Creatine Kinase BB Antibody (2ba6) - Azide and BSA Free [NBP2-59601] - Analysis of Protein Array containing more than 19,000 containing more than 19,000 full-length human proteins. Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations above the mean value of all signals generated on that array. If targets on HuProt are arranged in descending order of the Z-score, the S-score is the difference between the Z-score. S-score therefore represents the relative target specificity of Ab to its intended target.





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Products Related to NBP2-59601-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-84460PEP	Creatine Kinase BB Recombinant Protein Antigen

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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