

Product Datasheet

Creatine Kinase BB Antibody (2ba6) [PE/Cy7] NBP2-59601PECY7

Unit Size: 0.1 ml

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

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NBP2-59601PECY7

Creatine Kinase BB Antibody (2ba6) [PE/Cy7]

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	2ba6
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	PE/Cy7
Purity	Protein A or G purified
Buffer	PBS

Product Description

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	Flow Cytometry
Recommended Dilutions	Flow Cytometry
Application Notes	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at technical@novusbio.com if you have any questions.



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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.

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

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