Datasheet: MCA3299Z

Description:	MOUSE ANTI HUMAN NUCLEOSIDE DIPHOSPHATE B:Preservative Free
Specificity:	NUCLEOSIDE DIPHOSPHATE KINASE B
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	4B7-3F12
Isotype:	IgG1
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			0.1 - 10 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	Ig concentration 0.5 mg/ml
Immunogen	Recombinant protein corresponding to aa 1-153 of human nucleoside diphosphate kinase B
External Database Links	**UniProt:** P22392 Related reagents **Entrez Gene:** 4831 NME2 Related reagents
Synonyms	NM23B

Fusion Partners	Spleen cells from Balb/c mice were fused with cells from the Sp2/0 myeloma cell line.
Specificity	**Mouse anti Human nucleoside diphosphate kinase B antibody, clone 4B7-3F12** recognizes human nucleoside diphosphate kinase B, also known as C-myc purine-binding transcription factor PUF, Histidine protein kinase NDKB or nm23-H2. Nucleoside diphosphate kinase B is a 152 amino acid ~15 kDa enzyme with a major role in the synthesis of nucleoside triphosphates other than ATP and plays a role in the transcriptional activation of the MYC gene. Two isoforms of nucleoside diphosphate kinase B generated through alternative splicing hve been described. Mouse anti Human nucleoside diphosphate kinase B antibody, clone 4B7-3F12 recognizes the canonical isoform 1. Isoform 3 has an insertion at the amino terminus but is otherwise identical to isoform 1 and is also likely to be recognized by the antibody.
Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet Documentation #10162 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos., HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Human Anti Mouse IgG1 (HCA036...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC

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