

Datasheet: VMA00423

BATCH NUMBER 160303

Description:	MOUSE ANTI DNA PKcs
Specificity:	DNA PKcs
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	AB02/2H1
Isotype:	IgG1
Quantity:	100 µl

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
Immunoprecipitation	▪			
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml

Immunogen *E.coli*-derived recombinant protein corresponding to aa 3844-4127 of human DNA PKcs

External Database

Links

UniProt:

[P78527](#) [Related reagents](#)

Entrez Gene:

[5591](#) PRKDC [Related reagents](#)

Synonyms

HYRC, HYRC1

Specificity

Mouse anti Human DNA PKcs antibody recognizes DNA-dependent protein kinase catalytic subunit (DNA PKcs), also known as PRKDC and DNA-PK catalytic subunit.

Encoded by the PRKDC gene, DNA PKcs functions with the Ku70/Ku80 heterodimer protein in DNA double strand break repair and recombination. DNA PKcs is a member of the PI3/PI4-kinase family (provided by RefSeq, Jul 2010).

Mouse anti Human DNA PKcs antibody detects a band of >350 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti DNA PKcs detects a band of approximately >350 kDa in MOLT-4 cell lysates

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/VMA00423>
Antibody (10040)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

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