

Product Datasheet

PKM2 Antibody [Biotin] NB120-20589-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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NB120-20589-0.1mg

PKM2 Antibody [Biotin]

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	Biotin
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

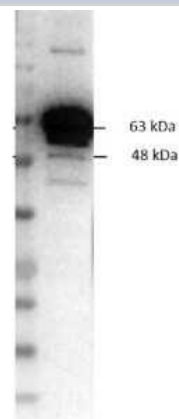
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Goat Serum as well as purified and partially purified Pyruvate Kinase [Rabbit Muscle]</p>
Host	Goat
Gene ID	5315
Gene Symbol	PKM
Species	Rabbit
Reactivity Notes	Cross reactivity against PKM2 from other tissues and species may occur but have not been specifically determined
Specificity/Sensitivity	This product has been reported to react with all forms of pyruvate kinase (pan M-PK).
Immunogen	PKM2 [Rabbit Muscle] (Uniprot: P11974)

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:200-1:1000, ELISA 1:1000-1:5000
Application Notes	This product has been tested by western blot and is suitable to be assayed against 1.0 ug of Pyruvate Kinase in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:3,000 to 1:15,000 of the reconstitution concentration is suggested for Anti-Pyruvate Kinase Antibody.



Images

Western Blot: PKM2 Antibody [Biotin] [NB120-20589] - Western Blot of PKM2 antibody [Biotin]. Lane 1: Opal Prestain Molecular Weight Marker. Lane 2: 50ng of PKM2. Primary Antibody: Goat Anti-PKM2 Biotin at 1ug/mL o/n @ 4C. Secondary Antibody: Streptavidin-HRP: S000-03 at 1:40,000 for 30 min at RT. Blocking: 30 min at RT.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB120-20589-0.1mg

NBP2-29370	Streptavidin Native Protein
BAF108	Goat IgG Isotype Control [Biotin]
NBP1-48308PEP	PKM2 Antibody Blocking Peptide
7244-PK-020	PKM2 [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.

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