

Product Datasheet

PKM2 Antibody (5D2-3B3)

H00005315-M01A

Unit Size: 0.2 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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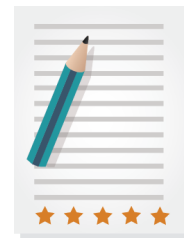
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H00005315-M01A

PKM2 Antibody (5D2-3B3)

Product Information	
Unit Size	0.2 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5D2-3B3
Preservative	No Preservative
Isotype	IgM Kappa
Purity	Unpurified
Buffer	Ascites

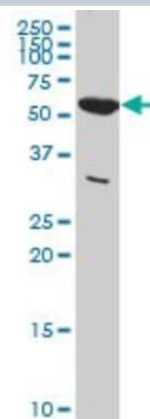
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5315
Gene Symbol	PKM
Species	Human, Mouse
Specificity/Sensitivity	PKM2 (5D2-3B3)
Immunogen	PKM2 (AAH07640.1, 1 a.a. ~ 531 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSKPHSEAGTAFIQTTQQLHAAMADTFLEHMCRLDIDSPPI TARNTGI ICTIGPAS RSVETLKEMIKSGMNVARLNFSGHGTHEYHAETIKNVRTATESFASDPILYRPVA VALDTKGPEIRTGLIKGSGTA EVELKKGATLKITLDNAYMEKCDENILWLDYKNI CKVVEVGSKIYVDDGLISLQVKQKGADFLVTEVENGGSLSGSKKGVNLPGA AVD LPAVSEKDIQDLKFGVEQD VDMVFASFIRKASDVHEVRKVLGEKGKNIKIISKIEN HEGVRRFDEILEASDGIMVARGDLGIEIPAEKVFLAQKMMIGRCNRAGKPVICAT QMLESMIKKPRPTRAE GSDVANAVLDGADCIMLSGETAKGDYPLEAVRMQH LI AREAEAAIYHLQLFEELRRLAPITSDPTEATAVGAVEASFKCCSGAIIVLT KSGRS AHQVARYRPRAPII AVTRNPQTARQAHL YRGIFPVLC KDPVQEAWAEDVDLRV NFAMNVGKARGFFKKGDVVIVLTGWRPGSGFTNTMRVVPVP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, ELISA
Recommended Dilutions	Western Blot 1:500, Chromatin Immunoprecipitation, ELISA 1:100-1:2000
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has been used for ELISA. ChIP usage was reported in scientific literature.



Images

Western Blot: PKM2 Antibody (5D2-3B3) [H00005315-M01A] - PKM2 monoclonal antibody (M01A), clone 5D2-3B3 Analysis of PKM2 expression in HeLa.



Western Blot: PKM2 Antibody (5D2-3B3) [H00005315-M01A] - Western Blot analysis of HeLa lysates using H00005315-M01A. Image courtesy of Gregg Semenza - publication number 21620138 (PMID).



Publications

Luo W, Hu H, Chang R et al. Pyruvate Kinase M2 is a PHD3-Stimulated Coactivator for Hypoxia-Inducible Factor 1. *Cell*;145(5):732-44. 2011-05-27 [PMID: 21620138] (WB, Chemotaxis, Human)



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

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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