

Product Datasheet

PKM2 Antibody (7B2) - BSA Free NBP3-15230

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP3-15230

PKM2 Antibody (7B2) - BSA Free

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7B2
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description

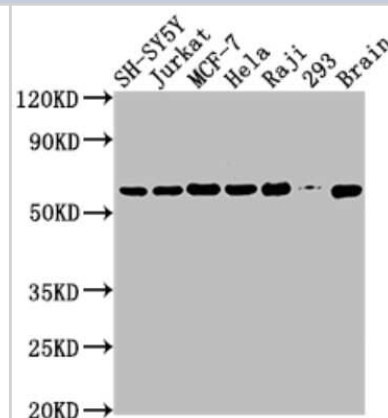
Description	Novus Biologicals Rabbit PKM2 Antibody (7B2) - BSA Free (NBP3-15230) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5315
Gene Symbol	PKM
Species	Human, Mouse
Immunogen	A synthesized peptide derived from human PKM2. UniProt ID (P14618).

Product Application Details

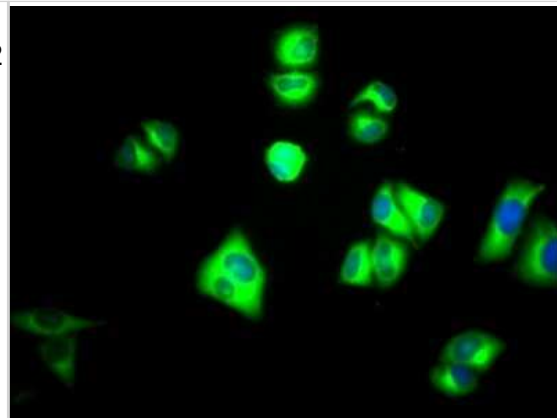
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, Flow Cytometry, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200, Immunoprecipitation

Images

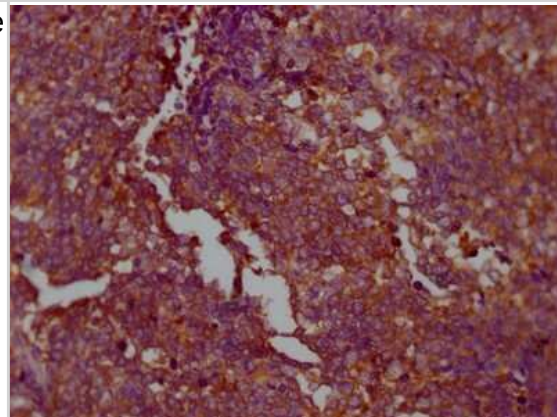
Western Blot: PKM2 Antibody (7B2) [NBP3-15230] - Positive WB detected in: SH-SY5Y whole cell lysate, Jurkat whole cell lysate, MCF-7 whole cell lysate, Hela whole cell lysate, Raji whole cell lysate, 293 whole cell lysate, Mouse brain tissue. All lanes: PKM2 antibody at 1:2000. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 58, 59, 57 KDa. Observed band size: 58 KDa.



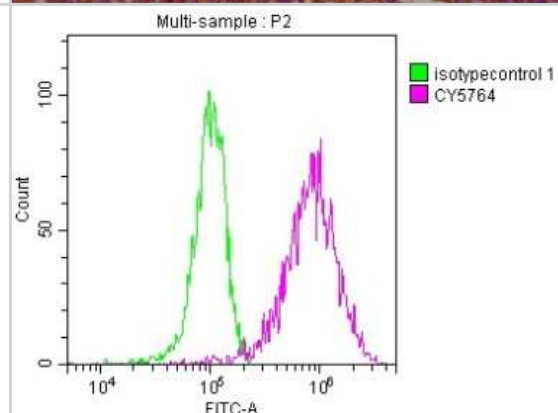
Immunocytochemistry/Immunofluorescence: PKM2 Antibody (7B2) [NBP3-15230] - Immunofluorescence staining of Hela Cells with at PKM2 antibody 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated Goat Anti-Rabbit IgG (H+L).



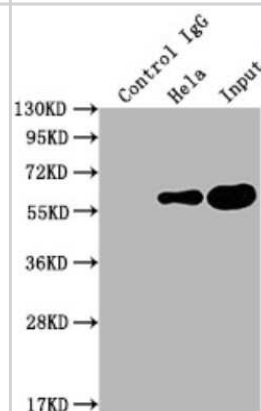
Immunohistochemistry: PKM2 Antibody (7B2) [NBP3-15230] - IHC image of PKM2 antibody diluted at 1:100 and staining in paraffin-embedded human lung cancer. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30 minutes at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



Flow Cytometry: PKM2 Antibody (7B2) [NBP3-15230] - Overlay histogram showing HepG2 cells stained with PKM2 antibody (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 1 h at 4C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4C. Control antibody (green line) was Rabbit IgG (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



Immunoprecipitation: PKM2 Antibody (7B2) [NBP3-15230] - Immunoprecipitating PKM2 in Hela whole cell lysate. Lane 1: Rabbit control IgG instead of PKM2 antibody in Hela whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000). Lane 2: PKM2 antibody (2ug)+ Hela whole cell lysate (500ug). Lane 3: Hela whole cell lysate (10ug).





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Products Related to NBP3-15230

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-48308PEP	PKM2 Antibody Blocking Peptide

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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