

Product Datasheet

6 Phosphofructo 2 Kinase Antibody (JM43-43) NBP2-75393

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-75393**6 Phosphofructo 2 Kinase Antibody (JM43-43)**

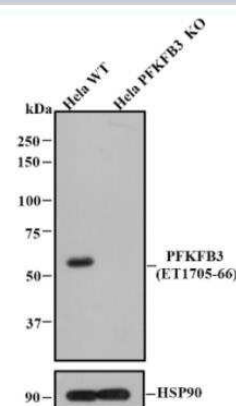
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM43-43
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	PFKFB3
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human 6 Phosphofructo 2 Kinase aa 260-520 / 520. (SwissProt: Q16875 Human; SwissProt: O35552 Rat; SwissProt: Q3U3S6 Mouse)

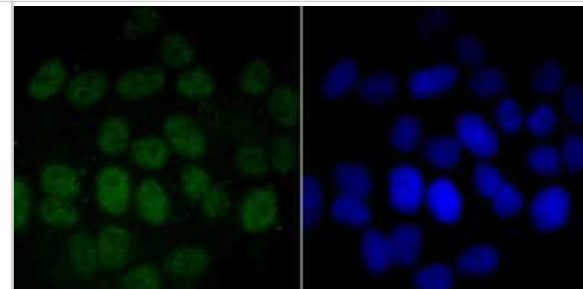
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

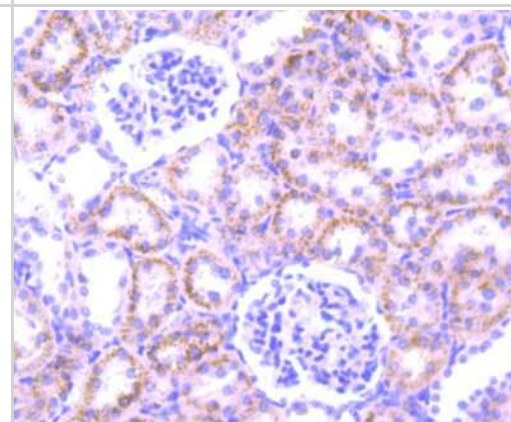
Western Blot: 6 Phosphofructo 2 Kinase Antibody (JM43-43) [NBP2-75393] - All lanes: Western blot analysis of PFKFB3 with anti-PFKFB3 antibody [JM43-43] at 1:500 dilution. Lane 1: Wild-type HeLa whole cell lysate. Lane 2: PFKFB3 knockout HeLa whole cell lysate. was shown to specifically react with PFKFB3 in wild-type HeLa cells. No band was observed when PFKFB3 knockout samples were tested. Wild-type and PFKFB3 knockout samples were subjected to SDS-PAGE. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM in TBST for 1 hour at room temperature. The primary Anti-PFKFB3 antibody (1/500) and Anti-HSP90 antibody (1/10,000) were used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG H&L (HRP) Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.



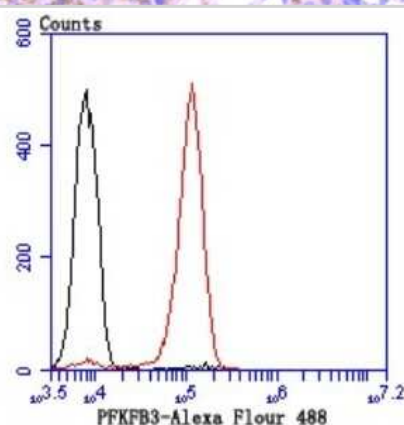
Immunocytochemistry/Immunofluorescence: 6 Phosphofructo 2 Kinase Antibody (JM43-43) [NBP2-75393] - Staining PFKFB3 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



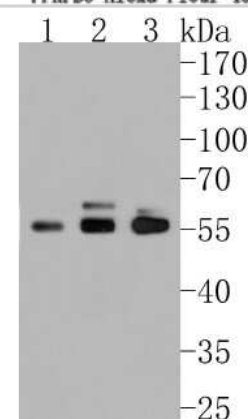
Immunohistochemistry-Paraffin: 6 Phosphofructo 2 Kinase Antibody (JM43-43) [NBP2-75393] - Analysis of paraffin-embedded rat kidney tissue using anti-PFKFB3 antibody. Counter stained with hematoxylin.



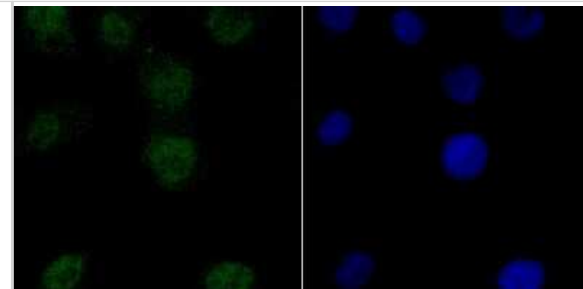
Flow Cytometry: 6 Phosphofructo 2 Kinase Antibody (JM43-43) [NBP2-75393] - Analysis of A431 cells with PFKFB3 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



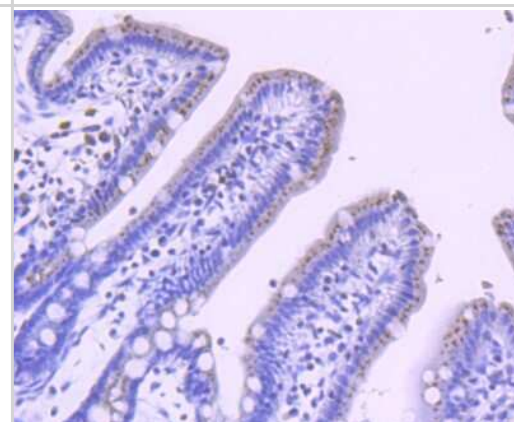
Western Blot: 6 Phosphofructo 2 Kinase Antibody (JM43-43) [NBP2-75393] - Western blot analysis of 6 Phosphofructo 2 Kinase on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Hela cell lysate Lane 2: PC-12 cell lysate Lane 2: A431 cell lysate



Immunocytochemistry/Immunofluorescence: 6 Phosphofructo 2 Kinase Antibody (JM43-43) [NBP2-75393] - Staining PFKFB3 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: 6 Phosphofructo 2 Kinase Antibody (JM43-43) [NBP2-75393] - Analysis of paraffin-embedded mouse colon tissue using anti-PFKFB3 antibody. Counter stained with hematoxylin.





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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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