

Product Datasheet

PKM2 Mouse Polyclonal Antibody (orb101937)

Catalog Number	orb101937
Category	Antibodies
Description	PKM2 Mouse Polyclonal Antibody
Target	PKM
Clonality	Polyclonal
Species/Host	Mouse
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Equine, Porcine, Rabbit
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human PKM2 (51-150/531aa)
UniProt ID	P14618
MW	58 kDa
Tested applications	ICC, IF, IHC-Fr, IHC-P, WB

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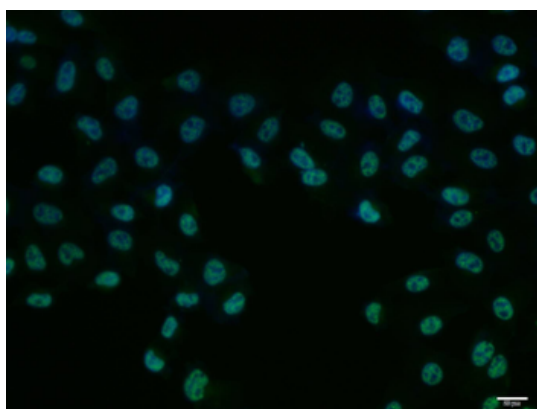
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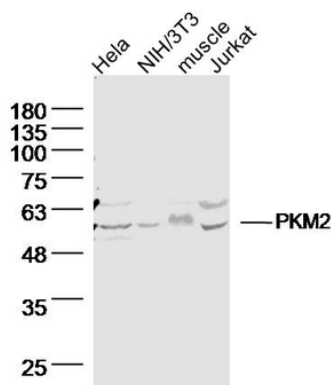
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Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, ICC/IF=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



HeLa cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (PKM2) polyclonal Antibody, Unconjugated (orb101937) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Mouse IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



Sample: HeLa Cell (Human) Lysate at 40 ug, NIH/3T3 Cell (Mouse) Lysate at 40 ug, Muscle (Mouse) Lysate at 40 ug, Jurkat Cell (Human) Lysate at 40 ug, Primary: Anti-PKM2 (orb101937) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 58 kD, Observed band size: 58 kD.

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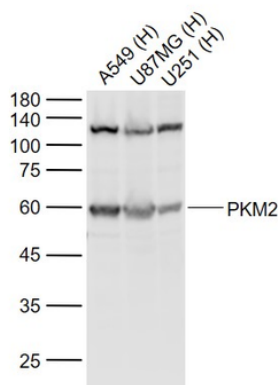
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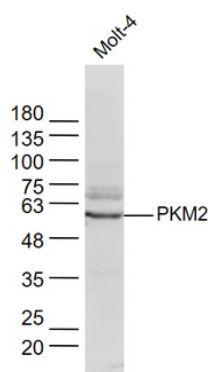
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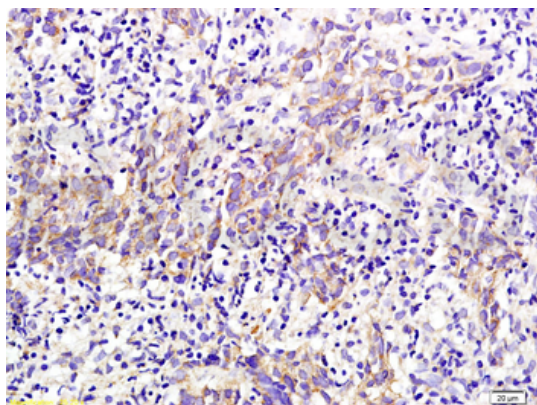
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Sample: Lane 1: A549 (Human) Cell Lysate at 30 ug, Lane 2: U87MG (Human) Cell Lysate at 30 ug, Lane 3: U251 (Human) Cell Lysate at 30 ug, Primary: Anti-PKM2 (orb101937) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 60 kD, Observed band size: 60 kD.



Sample: MOLT-4 (Human) Cell Lysate at 30 ug, Primary: Anti-PKM2 (orb101937) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 58 kD, Observed band size: 58 kD.



Tissue/cell: Human nasopharyngeal carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-M2-PK Polyclonal Antibody, Unconjugated (orb101937) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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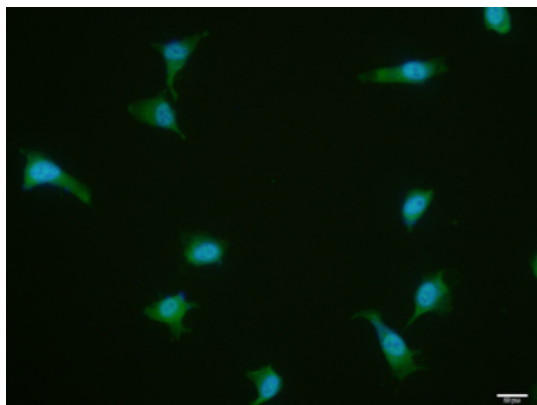
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U-87MG cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (PKM2) polyclonal Antibody, Unconjugated (orb101937) 1:100, 90 minutes at 37°C, followed by a conjugated Goat Anti-Mouse IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.

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