

# PKM2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 243 and 531 of Human Pyruvate Kinase
Form	Liquid
Concentration	0.13 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol, 1% BSA
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2546176

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Immunoprecipitation (IP)	1:100-1:500	-

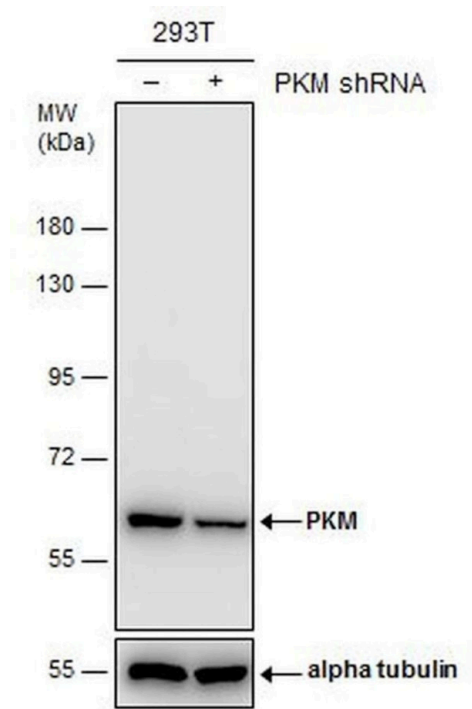
## Product Specific Information

Recommended positive controls: 293T, A431, HeLa, HepG2, mouse brain, rat brain.

Predicted reactivity: Mouse (97%), Rat (88%), Xenopus laevis (90%), Rabbit (97%), Chicken (83%), Bovine (97%).

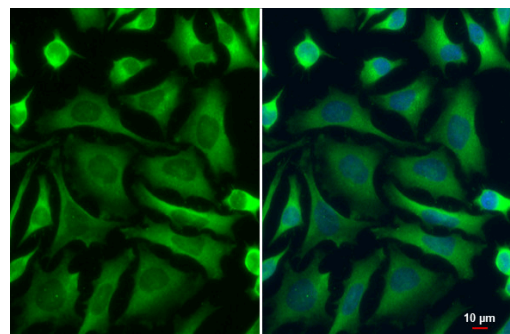
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For PKM2 Polyclonal Antibody



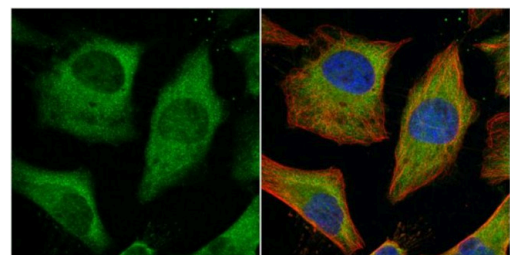
**PKM2 Antibody (PA5-28700)**

Antibody specificity was demonstrated by shRNA mediated knockdown of the target protein. 293T cells were transfected with PKM shRNA and decrease in signal intensity was observed in western blot application using Pyruvate kinase (PKM2) polyclonal antibody (Product # PA5-28700). {KD}



**PKM2 Antibody (PA5-28700) in ICC/IF**

PKM2 Polyclonal Antibody detects PKM protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: PKM stained by PKM2 Polyclonal Antibody (Product # PA5-28700) diluted at 1:500. Blue: Fluoroshield with DAPI .



**PKM2 Antibody (PA5-28700) in ICC/IF**

Immunocytochemistry-Immunofluorescence analysis of PKM2 was performed in HeLa cells fixed in 4% paraformaldehyde at RT for 15 min. Green: PKM2 Polyclonal Antibody (Product # PA5-28700) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker. Blue: Hoechst 33342 staining.

[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (1)

Open medicine (Warsaw, Poland)	Year 2021
circATP2A2 promotes osteosarcoma progression by upregulating MYH9.	
"Published figure using PKM2 polyclonal antibody (Product # PA5-28700) in Western Blot"	
Authors: Cao X,Meng X,Fu P,Wu L,Yang Z,Chen H	

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