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PMM2 Polyclonal Antibody

Catalog Number **PA5-22323**

Product data sheet

Details	
Size	100 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 214 of PMM2 (Uniprot ID#O15305)
Conjugate	Unconjugated
Form	Liquid
Concentration	0.24 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol
Contains	0.01% thimerosal
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity	
Species reactivity	Human

Tested Applications	Dilution *
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Western Blot (WB)	1:500-1:3,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

Recommended positive controls: 293T, HeLa, HepG2. Predicted reactivity: Mouse (93%), Rat (95%), Chicken (86%), Rhesus Monkey (98%), Bovine (93%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

The protein encoded by this gene catalyzes the isomerization of mannose 6-phosphate to mannose 1-phosphate, which is a precursor to GDP-mannose necessary for the synthesis of dolichol-P-oligosaccharides. Mutations in this gene have been shown to cause defects in glycoprotein biosynthesis, which manifests as carbohydrate-deficient glycoprotein syndrome type I.

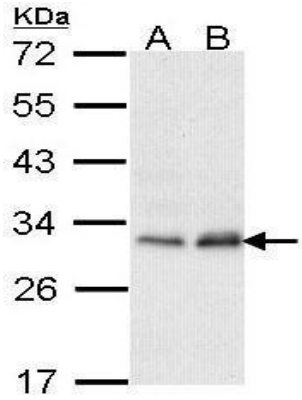
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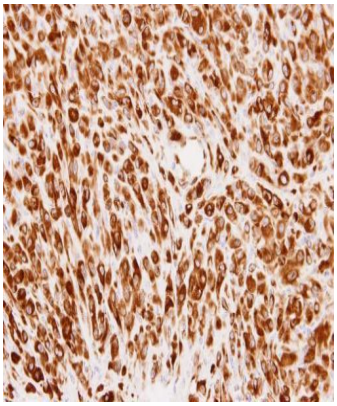
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Product Images For PMM2 Polyclonal Antibody



PMM2 Antibody (PA5-22323) in WB

Western Blot using PMM2 Polyclonal Antibody (Product # PA5-22323). Sample (30 µg of whole cell lysate). Lane A: Hela. Lane B: Hep G2. 12% SDS PAGE. PMM2 Polyclonal Antibody (Product # PA5-22323) diluted at 1:1,000.



PMM2 Antibody (PA5-22323) in IHC (P)

Immunohistochemical analysis of paraffin-embedded U87 xenograft, using PMM2 (Product # PA5-22323) antibody at 1:100 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.

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