

Product Name: PGD Rabbit Monoclonal Antibody**Catalog #: AMRe85164**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 53 kDa; Observed MW: 49 kDa

Antigen Information

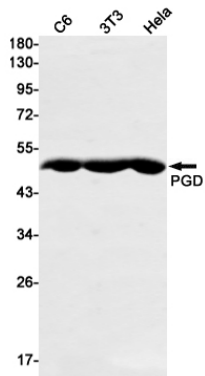
Gene Name	PGD
Alternative Names	6-phosphogluconate dehydrogenase; decarboxylating
Gene ID	5226.0
SwissProt ID	P52209
Immunogen	A synthetic peptide of human PGD

Background

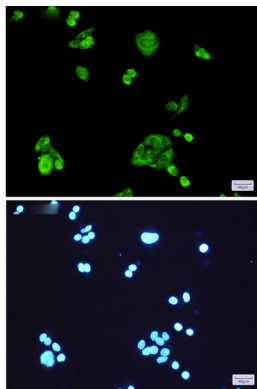
Catalyzes the oxidative decarboxylation of 6-phosphogluconate to ribulose 5-phosphate and CO₂, with concomitant reduction of NADP to NADPH.

Research Area

Image Data



Western blot analysis of PGD in C6, 3T3, HeLa lysates using PGD antibody.



Immunocytochemistry analysis of PGD(green) in HeLa using PGD antibody, and DAPI(blue)