

Product Name: PGD Rabbit Monoclonal Antibody
Catalog #: AMRe01471



Summary

Production Name	PGD Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	PGD
Alternative Names	6-phosphogluconate dehydrogenase; decarboxylating
Gene ID	5226
SwissProt ID	P52209.

Application

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

Background

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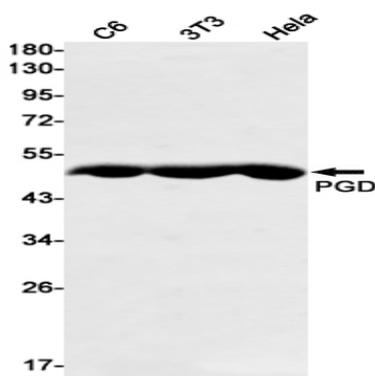


Catalyzes the oxidative decarboxylation of 6-phosphogluconate to ribulose 5-phosphate and CO₂, with concomitant reduction of NADP to NADPH.

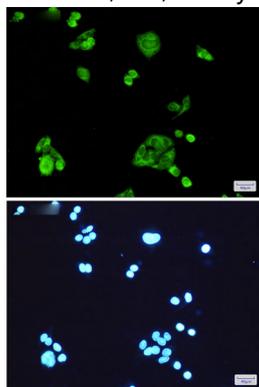
Research Area

Signal Transduction

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)

Note

For research use only.