

Product Name: PGD Rabbit Monoclonal Antibody**Catalog #: AMRe01471**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.65mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

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

Antigen Information

Gene Name	PGD
Alternative Names	6-phosphogluconate dehydrogenase; decarboxylating
Gene ID	5226
SwissProt ID	P52209
Immunogen	A synthetic peptide of human PGD

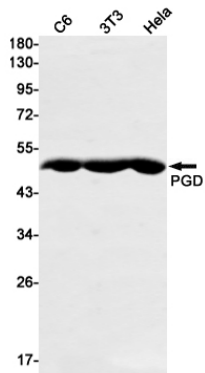
Background

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

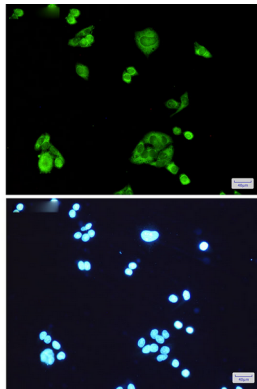
Research Area

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)