

# PGD Rabbit mAb

Catalog # AP74884

## Product Information

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<b>Application</b>	WB, FC
<b>Primary Accession</b>	<a href="#">P52209</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	53 KDa

## Additional Information

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<b>Other Names</b>	PGD
<b>Dilution</b>	WB~~1:1000-1:5000 FC~~1:100-1:1000
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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### Background

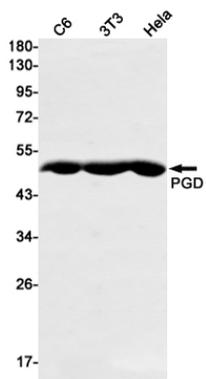
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6-phosphogluconate dehydrogenase is the second dehydrogenase in the pentose phosphate shunt. Deficiency of this enzyme is generally asymptomatic, and the inheritance of this disorder is autosomal dominant. Hemolysis results from combined deficiency of 6-phosphogluconate dehydrogenase and 6-phosphogluconolactonase suggesting a synergism of the two enzymopathies. Several transcript variants encoding different isoforms have been found for this gene.

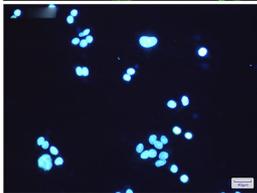
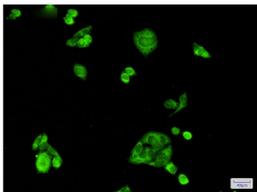
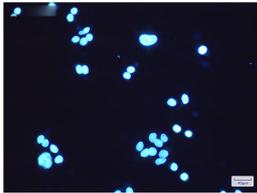
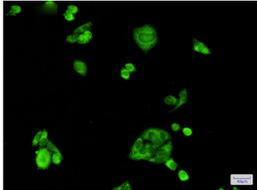
### Images

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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)



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