

Recombinant PGD Monoclonal Antibody

Catalog Number:E-AB-81596



Note: Centrifuge before opening to ensure complete recovery of vial contents.

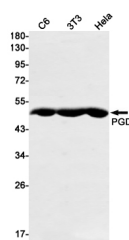
Description

Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human PGD
Host	Rabbit
Isotype	IgG
Clone	R02-7C6
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

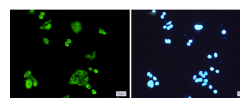
WB	1:1000-1:2000
IF	1:50-1:200

Data



Western blot detection of PGD in C6,3T3,Hela cell lysates using PGD Rabbit mAb(1:1000 diluted).Predicted band size:53kDa.Observed band size:49kDa.

Observed Mw:49kDa
Calculated Mw:53kDa



Immunofluorescence of PGD(green) in Hela cells using PGD Rabbit mAb at dilution 1:200, and DAPI(blue)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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.

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