

Recombinant PGD Monoclonal Antibody

catalog number: E-AB-81596

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

Description

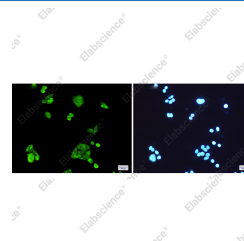
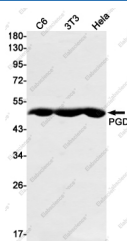
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human PGD
Host	Rabbit
Isotype	Rabbit IgG
Clone	C173382
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

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:49 kDa
Calculated-MW:53 kDa

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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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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Rev. V1.9