

## Recombinant PGD Monoclonal Antibody

**catalog number: E-AB-81596**

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

### Description

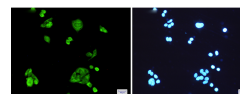
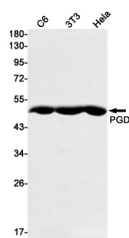
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	A synthetic peptide of human PGD
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R02-7C6
<b>Purification</b>	Affinity Purified
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

### Applications

### Recommended Dilution

<b>WB</b>	1:1000-1:2000
<b>IF</b>	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.

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

**Observed-MW:49 kDa**

**Calculated-MW:53 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	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.

### For Research Use Only