

# PGD Antibody

Rabbit mAb

Catalog # AP92677

## Product Information

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**Application** WB, IF, FC, ICC, IP  
**Primary Accession** [P52209](#)  
**Reactivity** Rat, Human, Mouse  
**Clonality** Monoclonal  
**Other Names** 6PGD; Pgd;

**Isotype** Rabbit IgG  
**Host** Rabbit  
**Calculated MW** 53140

## Additional Information

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**Dilution** WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50 FC 1:50  
**Purification** Affinity-chromatography  
**Immunogen** A synthesized peptide derived from PGD  
**Description** Catalyzes the oxidative decarboxylation of 6-phosphogluconate to ribulose 5-phosphate and CO<sub>2</sub>, with concomitant reduction of NADP to NADPH.  
**Storage Condition and Buffer** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

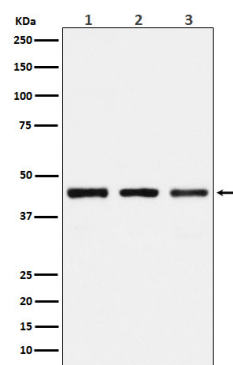
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**Name** PGD  
**Synonyms** PGDH  
**Function** Catalyzes the oxidative decarboxylation of 6-phosphogluconate to ribulose 5-phosphate and CO<sub>2</sub>, with concomitant reduction of NADP to NADPH.  
**Cellular Location** Cytoplasm.

## Images

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Western blot analysis of PGD expression in (1) 293 cell lysate; (2) Mouse kidney lysate; (3) Rat kidney lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.