

## PGD RABBIT MAB

**Cat.#:** N261620

**Product Name:** Anti-PGD Rabbit Monoclonal Antibody

**Synonyms:** 6-phosphogluconate dehydrogenase; decarboxylating

**UNIPROT ID:** P52209

**Background:** Catalyzes the oxidative decarboxylation of 6-phosphogluconate to ribulose 5-phosphate and CO<sub>2</sub>, with concomitant reduction of NADP to NADPH.

**Immunogen:** A synthetic peptide of human PGD

**Applications:** WB, ICC/IF, IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R02-7C6

**MW:** Calculated MW: 53 kDa; Observed MW: 49 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human, Mouse, Rat

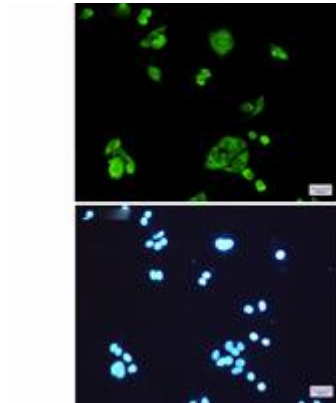
**Conjugation:** Unconjugated

**Modification:** Unmodified

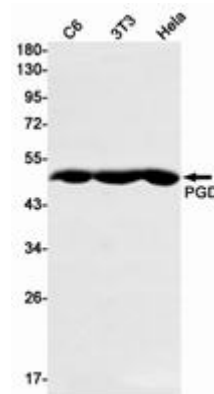
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of PGD (green) in HeLa using PGD antibody, and DAPI (blue)



Western blot analysis of PGD in C6, 3T3, HeLa lysates using PGD antibody.