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Datasheet for ABIN7384481

anti-PGD antibody



Overview

| Quantity: | 50 μL |
|--------------|--|
| Target: | PGD |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Conjugate: | This PGD antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF) |

Product Details

| Clone: | R02-7C6 |
|---------------|-------------------|
| Isotype: | IgG |
| Purification: | Affinity Purified |

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| Target Deta | ails |
| Target: | PGD |
| Alternative Name: | PGD (PGD Products) |
| Background: | 0610042A05Rik,6 phosphogluconate dehydrogenase,decarboxylating,6-phosphogluconate dehydrogenase,6PGD,6PGD,AU019875,C78335,decarboxylating,OTTMUSP00000011754,Pgd,Phosphogluconate dehydrogenase,RP23-249G3.4,6-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 |

Target Details

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.

Molecular Observed_MW: 49kDa
Weight: Calculated_MW: 53kDa

Gene ID: 5226

UniProt: P52209

Application Details

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

Restrictions: For Research Use only

Handling

| Concentration: | 300 μg/mL |
|--------------------|--|
| Buffer: | 50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |