

Rabbit PGD Polyclonal Antibody | anti-PGD antibody

PGD Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30692	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

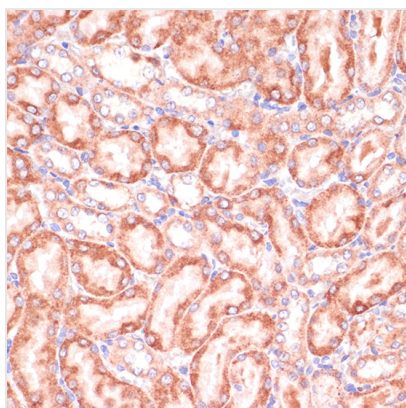
PRODUCT SYNONYMS

PGD; Polyclonal Antibody; PGD Rabbit Polyclonal Antibody; 6PGD; anti-PGD antibody

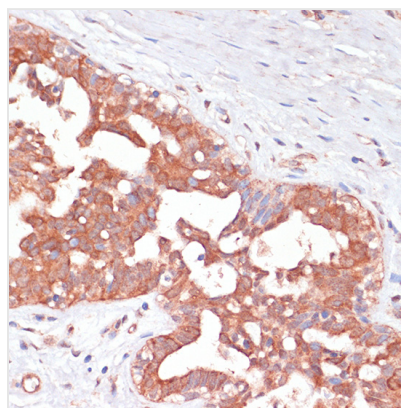
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PGD antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human PGD (NP_002622.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

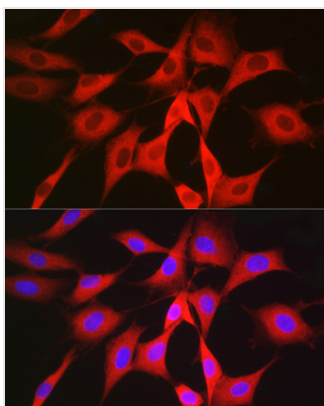
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat kidney using PGD antibody.

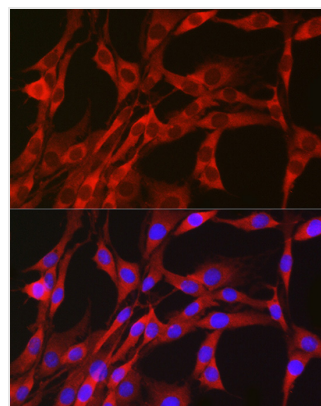

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human mammary cancer using PGD antibody.



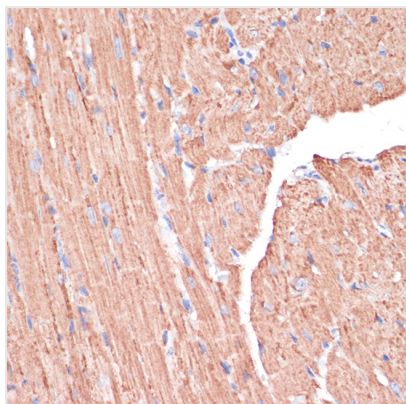
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using PGD Rabbit pAb.



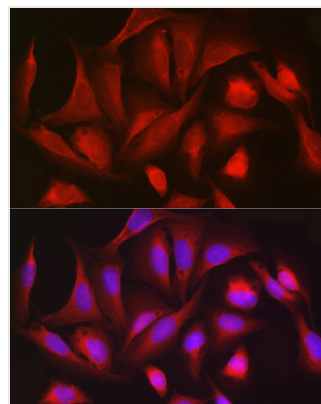
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using PGD Rabbit pAb.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse heart using PGD antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PGD Rabbit pAb.

ADDITIONAL INFORMATION

Related Product Information for anti-PGD antibody	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.
Product Categories/Family for anti-PGD antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	40068518
NCBI GeneID	5226
NCBI Accession #	NP_002622.2
NCBI GenBank Nucleotide #	NM_002631.2
UniProt Accession #	P52209 ; Q9BWD8 ; A8K2Y9
Molecular Weight	53,140 Da
NCBI Official Full Name	6-phosphogluconate dehydrogenase, decarboxylating
NCBI Official Synonym Full Names	phosphogluconate dehydrogenase
NCBI Official Symbol	PGD

NCBI Official Synonym Symbols	6PGD
NCBI Protein Information	6-phosphogluconate dehydrogenase, decarboxylating
UniProt Protein Name	6-phosphogluconate dehydrogenase, decarboxylating
UniProt Gene Name	PGD
UniProt Synonym Gene Names	PGDH
UniProt Entry Name	6PGD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pgd-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30692>