

# Product Datasheet

## PGD Antibody H00005226-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00005226-D01P**

PGD Antibody

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 mg                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| Clonality           | Polyclonal                                                                                                       |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG                                                                                                              |
| Purity              | Protein A purified                                                                                               |
| Buffer              | PBS (pH 7.4)                                                                                                     |

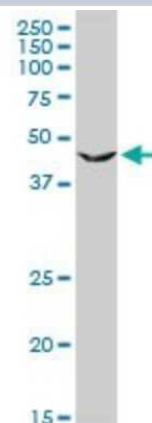
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Quality control test: Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene ID                 | 5226                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Symbol             | PGD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Specificity/Sensitivity | PGD - phosphogluconate dehydrogenase,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen               | PGD (NP_002622.2, 1 a.a. - 483 a.a.) full-length human protein.<br>MAQADIALIGLAVMGQNLILNMNDHGFVVCANRTVSKVDDFLANEAKGTKVV<br>GAQSLKEMVSKLKKPRRIILLVKAGQAVDDFIEKLVPLDGTGDIIDGGNSEYRDT<br>TRRCRDLKAKGILFVGSGVSGGEEGARYGPSLMPGGNKEAWPHIKTIFQGIAA<br>KVGTEGPCCDWVGDEGAGHFVKMVHNGIEYGDMLICEAYHLMKDVLMQAQ<br>DEMAQAFEDWNKTELDSEFLIEITANILKFQDTDGKHLLPKIRDSAGQKGTGKWT<br>AISALEYGVPTLIGEAVFARCLSSKDERIQASKKLKGPQKFQFDGDKKSFLD<br>IRKALYASKIISYAQGFMLLRQAATEFGWTLNYGGIALMWRGGCIIRSVFLGKIK<br>DAFDRNPELQNLILLDDFFKSAVENCQDSWRRRAVSTGVQAGIPMPCFTTALSFY<br>DGYRHEMLPASLIQAQRDYFGAHTYELLAKPGQFIHTNWTGHGGTVSSSSYNA |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| Product Application Details |                                                                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot                                                                                                                                                    |
| Recommended Dilutions       | Western Blot                                                                                                                                                    |
| Application Notes           | Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control. |

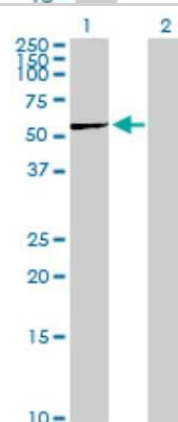


## Images

Western Blot: PGD Antibody [H00005226-D01P] - Analysis of PGD expression in Jurkat.



Western Blot: PGD Antibody [H00005226-D01P] - Analysis of PGD expression in transfected 293T cell line by PGD polyclonal antibody. Lane 1: PGD transfected lysate(53.10 KDa). Lane 2: Non-transfected lysate.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis.  
Primary Antibodies are guaranteed for 1 year from date of receipt.

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