

# Product Datasheet

## **cGK1/PRKG1 Antibody [Janelia Fluor® 646] NBP3-38004JF646**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-38004JF646**

cGK1/PRKG1 Antibody [Janelia Fluor® 646]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                         |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                   | Janelia Fluor 646                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity                      | Affinity purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene ID                     | 5592                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Symbol                 | PRKG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Species                     | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Immunogen                   | <p>Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human cGK1/PRKG1 (NP_006249.1).</p> <p>Sequence:<br/> MGTLRDLQYALQEKIEELRQRDALIDELELELDQKDELIQKLQNELDKYRSVIRP<br/> ATQQAQKQSASTLQGEPRTRQAI SAEP TAFDIQDL SHVTLPFYPKSPQSKDLI<br/> KEAILDNDFMKNLELSQIQEIVDCMYPVEYGKDSIIKEGDVGSLVYVMEDGKV<br/> EVTKEGVKLCTMGPGKVFGELAILYNCTRTATVKTLVNVKLWAI DRQCFQTIMM<br/> RTGLIKHTEYMEFLKSVPTFQSLPEEILSKLADVLEETHYENGEYIIRQGARGDT<br/> FFIISKGT VNV TREDSPSEDPVFLRTL G</p> |
| Notes                       | <p>Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.</p>                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Applications                | Western Blot, ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Dilutions       | Western Blot, ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                              |



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**Products Related to NBP3-38004JF646**

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|                    |                                                   |
|--------------------|---------------------------------------------------|
| NBP2-24891JF646    | Rabbit IgG Isotype Control [Janelia Fluor 646]    |
| H00005592-Q01-10ug | Recombinant Human cGK1/PRKG1 GST (N-Term) Protein |
| 210-TA-005         | TNF-alpha [Unconjugated]                          |
| H00005592-P01-10ug | Recombinant Human cGK1/PRKG1 GST (N-Term) Protein |

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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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