

# Product Datasheet

## APC-PCI Complex Antibody (M36) [Janelia Fluor® 549] NBP2-41380JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-41380JF549**

APC-PCI Complex Antibody (M36) [Janelia Fluor® 549]

| 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           | Monoclonal                                                                                  |
| Clone               | M36                                                                                         |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1 Kappa                                                                                  |
| Conjugate           | Janelia Fluor 549                                                                           |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                  |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity Notes        | 0                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity/Sensitivity | Antibody is specific for APC:PCI complex and cleaved PCI but has little reactivity towards native PCI. The dissociation constants (as determined by standard surface plasmon resonance technique) are: $K_d = 4 \times 10^{-10}$ M for PCI in complex with APC and $2 \times 10^{-10}$ M for cleaved PCI. The value of $K_d$ for native PCI is too low to measure, i.e. $> 10^{-5}$ M. |
| Immunogen               | Mixture of PCI in complex with PSA (approx. 80%) and PCI cleaved from such a complex (approx. 20%).                                                                                                                                                                                                                                                                                    |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                  |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | ELISA                                                                  |
| Recommended Dilutions       | ELISA                                                                  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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