

# Product Datasheet

## APC-PCI Complex Antibody (M36) [HRP] NBP2-41380H

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-41380H****APC-PCI Complex Antibody (M36) [HRP]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 100 ul                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Clonality</b>                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Clone</b>                       | M36                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Preservative</b>                | No Preservative                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                     | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Conjugate</b>                   | HRP                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                |
| <b>Buffer</b>                      | PBS                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Host</b>                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Specificity/Sensitivity</b>     | 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. |
| <b>Immunogen</b>                   | Mixture of PCI in complex with PSA (approx. 80%) and PCI cleaved from such a complex (approx. 20%).                                                                                                                                                                                                                                                                                    |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>                | ELISA                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Recommended Dilutions</b>       | ELISA                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                 |





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### **Products Related to NBP2-41380H**

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|                   |                                                     |
|-------------------|-----------------------------------------------------|
| NBP1-43319H-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [HRP] |
|-------------------|-----------------------------------------------------|

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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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