

# Product Datasheet

## Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) [CoraFluor™ 1] NBP2-73659CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-73659CL1**

Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7) [CoraFluor™ 1]

| 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. Do not freeze.   |
| Clonality           | Monoclonal  |
| Clone               | OTI6C7  |
| Preservative        | No Preservative   |
| Isotype             | IgG1  |
| Conjugate           | CoraFluor 1   |
| Purity              | Immunogen affinity purified   |
| Buffer              | PBS   |

| Product Description |   |
|---------------------|---|
| Description         | CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. |
| Host                | Mouse   |
| Gene ID             | 5573  |
| Gene Symbol         | PRKAR1A   |
| Species             | Human, Mouse, Rat   |
| Reactivity Notes    | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.   |
| Immunogen           | Full-length protein expressed in 293T cell transfected with human PRKAR1A expression vector   |
| Notes               | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.      |





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### Products Related to NBP2-73659CL1

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|                    |  |
|--------------------|--|
| H00005573-P01-10ug | Recombinant Human Protein Kinase A regulatory subunit I alpha GST (N-Term) Protein |
| 210-TA-005         | TNF-alpha [Unconjugated]   |
| H00005573-Q01-10ug | Recombinant Human Protein Kinase A regulatory subunit I alpha GST (N-Term) Protein |
| NB300-537          | PPAR alpha/NR1C1 Antibody (3B6/PPAR) - BSA Free                                    |

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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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