

# Product Datasheet

## HSP70/HSPA1A Antibody (1H11) [CoraFluor™ 1] NBP2-59339CL1

Unit Size: 0.1 ml

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

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**NBP2-59339CL1**

HSP70/HSPA1A Antibody (1H11) [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               | 1H11  |
| Preservative        | No Preservative   |
| Isotype             | IgG1  |
| Conjugate           | CoraFluor 1   |
| Purity              | Protein G purified  |
| Buffer              | PBS   |

| Product Description     |  |
|-------------------------|--|
| Description             | <p>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(TM) 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.</p> <p><a href="#">CoraFluor(TM) 1, amine reactive</a></p> <p><a href="#">CoraFluor(TM) 1, thiol reactive</a></p> <p>For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a>.</p> |
| Host                    | Mouse  |
| Gene ID                 | 3303   |
| Gene Symbol             | HSPA1A   |
| Species                 | Human, Mouse, Rat, Porcine, Bovine   |
| Specificity/Sensitivity | Binds the altered conformation of HSP70 embedded in the cell membrane and to intracellular HSP70 to a lesser extent.   |
| Immunogen               | Human native HSP70 protein   |
| 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, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Flow (Cell Surface) |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                     |





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### Products Related to NBP2-59339CL1

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|               |  |
|---------------|--|
| NBP1-77455PEP | HSP70/HSPA1A Antibody Blocking Peptide |
| 210-TA-005    | TNF-alpha [Unconjugated]               |
| DYC1663-2     | HSP70/HSPA1A [Biotin]                  |
| M6000B-1      | IL-6 [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.

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

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