

# Product Datasheet

## HSPA8/HSC71/Hsc70 Antibody [CoraFluor™ 1] AF4148CL1

Unit Size: 0.1 ml

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

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**AF4148CL1**

HSPA8/HSC71/Hsc70 Antibody [CoraFluor™ 1]

**Product Information**

<b>Unit Size</b>	0.1 ml
<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. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Conjugate</b>	CoraFluor 1
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS

**Product Description**

<b>Description</b>	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.  <a href="#">CoraFluor(TM) 1, amine reactive</a>  <a href="#">CoraFluor(TM) 1, thiol reactive</a>  For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a> .
<b>Host</b>	Goat
<b>Gene ID</b>	3312
<b>Gene Symbol</b>	HSPA8
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Detects human, mouse and rat HSPA8/HSC71, Isoform 1 in Western blots. In Western blots, this antibody shows no cross-reactivity with recombinant human HSPA1A/HSP70, HSPA2, HSPA6, GRP75 or GRP78.
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human HSPA8 Asp534-Gly615 Accession # P11142
<b>Notes</b>	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**

<b>Applications</b>	Western Blot, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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## Products Related to AF4148CL1

NBP1-30278	Recombinant Human HSPA8/HSC71/Hsc70 His Protein
DYC1663-2	HSP70/HSPA1A [Biotin]
NBL1-11755	HSPA8/HSC71/Hsc70 Overexpression Lysate
MAB25031	CFTR Antibody (24-1) [Unconjugated] - C-terminus

## 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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