

# Product Datasheet

## FABP3/H-FABP Antibody [CoraFluor™ 1] AF1678CL1

Unit Size: 0.1 ml

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

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**AF1678CL1**

FABP3/H-FABP Antibody [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           | Polyclonal                                                                                  |
| Preservative        | No Preservative                                                                             |
| Isotype             | IgG                                                                                         |
| Conjugate           | CoraFluor 1                                                                                 |
| Purity              | Antigen Affinity-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                    | Sheep                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene ID                 | 2170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Symbol             | FABP3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Species                 | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity/Sensitivity | Detects human FABP3/H-FABP in direct ELISAs and detects human, mouse, and rat FABP3/H-FABP in Western blots. In direct ELISAs, approximately 20% cross-reactivity with recombinant mouse (rm) FABP4 and recombinant human (rh) FABP4 is observed, approximately 15% cross-reactivity with recombinant rat (rr) FABP1, rhFABP1, rhFABP2, rhFABP7, and rhFABP8 is observed, and less than 10% cross-reactivity with rrFABP2 and rmFABP5 is observed.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen               | <i>E. coli</i> -derived recombinant human FABP3/H-FABP<br>Met1-Ala133<br>Accession # P05413                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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, Immunohistochemistry |
| Recommended Dilutions       | Western Blot, Immunohistochemistry |



**Application Notes**

Optimal dilution of this antibody should be experimentally determined.



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**Products Related to AF1678CL1**

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|                |                                        |
|----------------|----------------------------------------|
| NBP3-07107-5ug | Recombinant Human FABP3/H-FABP Protein |
| DY1857-05      | Lipocalin-2/NGAL [Biotin]              |
| DY1678         | FABP3/H-FABP [Biotin]                  |
| NB400-144      | CD36 Antibody - 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.

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