

# Product Datasheet

## Aminopeptidase LRAP/ERAP2 Antibody [CoraFluor™ 1] NBP2-81783CL1

Unit Size: 0.1 ml

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

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**NBP2-81783CL1**

Aminopeptidase LRAP/ERAP2 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                      | Peptide 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                        | Rabbit  |
| Gene ID                     | 64167   |
| Gene Symbol                 | ERAP2   |
| Species                     | Human   |
| Specificity/Sensitivity     | Aminopeptidase LRAP/ERAP2 antibody is human reactive. Multiple isoforms of Aminopeptidase LRAP/ERAP2 are known to exist. Aminopeptidase LRAP/ERAP2 antibody is predicted to not cross-react with ERAP1.   |
| Immunogen                   | ERAP2 antibody was raised against a 17 amino acid peptide near the amino terminus of human ERAP2. The immunogen is located within amino acids 110 - 160 of ERAP2 . Amino Acid Sequence: LQSEEDSRYMKPGKELK   |
| 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, ELISA   |
| Recommended Dilutions       | Western Blot, ELISA   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NBP2-81783CL1**

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|               |   |
|---------------|---|
| NBP2-37872PEP | Aminopeptidase LRAP/ERAP2 Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]                              |
| 3830-ZN-010   | Aminopeptidase LRAP/ERAP2 [Unconjugated]              |
| AF808         | Osteopontin/OPN Antibody [Unconjugated]               |

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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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