

Product Datasheet

SLC31A1/CTR1 Antibody (5E6.1B4) [CoraFluor™ 1] NBP2-36573CL1

Unit Size: 0.1 ml

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

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NBP2-36573CL1

SLC31A1/CTR1 Antibody (5E6.1B4) [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 | 5E6.1B4 |
| Preservative | No Preservative |
| Isotype | IgG2b Kappa |
| Conjugate | CoraFluor 1 |
| Purity | Protein G 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 | 1317 |
| Gene Symbol | SLC31A1 |
| Species | Human, Mouse |
| Reactivity Notes | Use in Mouse reported in scientific literature (PMID:32060280). |
| Immunogen | Two synthetic peptides made to internal sequences of human SLC31A1/CTR1 protein (sequences found between amino acids 50-150) [UniProt# O15431] |
| 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, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-36573CL1

| | |
|--------------|--------------------------------------------------|
| NB100-402PEP | SLC31A1/CTR1 Antibody Blocking Peptide |
| NBP3-27409 | Human SLC31A1/CTR1 ELISA Kit (Colorimetric) |
| MAB1455 | Albumin Antibody (188835) [Unconjugated] - Serum |
| NB100-360 | ATP7b Antibody - BSA Free |

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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