

Product Datasheet

ATG7 Antibody (683906) [CoraFluor™ 1] FAB6608CL1

Unit Size: 0.1 ml

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

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FAB6608CL1

ATG7 Antibody (683906) [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 | 683906 |
| Preservative | No Preservative |
| Isotype | IgG1 |
| Conjugate | CoraFluor 1 |
| Purity | Protein A or 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 | 10533 |
| Gene Symbol | ATG7 |
| Species | Human, Mouse |
| Specificity/Sensitivity | Detects human ATG7 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human ATG3, 4A, 4B, 5, 10, 12, or 16L1 is observed. |
| Immunogen | <i>E. coli</i> -derived recombinant human ATG7 Asn387-Gln570 Accession # O95352 |
| 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, Simple Western, Immunohistochemistry, CyTOF-ready, Immunocytochemistry, Intracellular Staining by Flow Cytometry |
| Recommended Dilutions | Western Blot, Simple Western, Immunohistochemistry, Intracellular Staining by Flow Cytometry, Immunocytochemistry, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to FAB6608CL1

| | |
|---------------|--|
| NBP1-96759 | ATG7 Antibody Blocking Peptide |
| NBL1-07800 | ATG7 Overexpression Lysate |
| H00008878-M01 | p62/SQSTM1 Antibody (2C11) |
| AF835 | Caspase-3 Antibody [Unconjugated] - Active |

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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