

Product Datasheet

IL-12 p70/IL-12A Antibody (24945R) [CoraFluor™ 1] FAB611RCL1

Unit Size: 0.1 ml

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

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FAB611RCL1

IL-12 p70/IL-12A Antibody (24945R) [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 | 24945R |
| Preservative | No Preservative |
| Isotype | IgG1 |
| Conjugate | CoraFluor 1 |
| Purity | Protein A or G purified from cell culture supernatant |
| 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>CoraFluor(TM) 1, amine reactive</p> <p>CoraFluor(TM) 1, thiol reactive</p> <p>For more information, please see our CoraFluor(TM) TR-FRET technology flyer.</p> |
| Host | Mouse |
| Gene ID | 3592 |
| Species | Human |
| Specificity/Sensitivity | Detects human IL-12 p70 in ELISAs. In sandwich immunoassays, no cross-reactivity with recombinant human (rh) IL-12 p40, rhIL-12 p35, rhIL-23 or recombinant mouse IL-12 is observed. |
| Immunogen | <p><i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human IL-12 heterodimer</p> <p>Arg23-Ser219 of p35, Ile23-Ser328 of p40</p> <p>Accession # P29459(p35) & P29460 (p40)</p> |
| 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 | ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair), Immunocytochemistry |
| Recommended Dilutions | ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), Immunocytochemistry |

Application Notes

Optimal dilution of this antibody should be experimentally determined.

Images

CoraFluor™ 1, amine reactive (Catalog:7920) and CoraFluor™ 2, amine reactive (Catalog # 7950) are terbium-based probes that have been developed for use as TR-FRET donors. They emit wavelengths compatible with commonly used fluorescent acceptor dyes such as BODIPY® (or BDY) and Janelia Fluor® dyes, FITC (Catalog # 5440), TMR and Cyanine 5 (Catalog # 5436). CoraFluor™ fluorescence is brighter and more stable in biological media than existing TR-FRET donors, leading to enhanced sensitivity and improved data generation. CoraFluor™ 1 exhibits excitation upon exposure to a 337 nm UV laser.





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Products Related to FAB611RCL1

| | |
|---------------|---|
| NBP1-97005CL1 | Mouse IgG1 Isotype Control (MG1) [CoraFluor™ 1] |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| M1270-1 | IL-12 p70/IL-12A [HRP] |
| 485-MI-100 | IFN-gamma [Unconjugated] |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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