

# Product Datasheet

## IL-12/IL-23 p40 Antibody (31052) [CoraFluor™ 1] FAB609CL1

Unit Size: 0.1 ml

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

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**FAB609CL1**

IL-12/IL-23 p40 Antibody (31052) [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	31052
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A or G purified from ascites
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	Mouse
Gene ID	3593
Gene Symbol	IL12B
Species	Human
Specificity/Sensitivity	<p>Detects human IL-12/IL-23 p40 in ELISAs. In ELISAs, this antibody shows less than 5% cross-reactivity with recombinant human (rh) IL-12 (p35/p40 heterodimer) and rhIL-23 (p19/p40 heterodimer). No significant cross-reactivity or interference was observed with rhIL-1<math>\alpha</math>, rmIL-1<math>\alpha</math>, rhIL-1<math>\beta</math>, rmIL-1<math>\beta</math>, rhIL-1<math>\alpha</math>, rhIL-1 RI, rhIL-1 RII, rhIL-2, rhIL-2 R<math>\alpha</math>, rhIL-3, rmIL-3, rhIL-4, rmIL-4, rhIL-4 R, rhIL-5, rmIL-5, rhIL-5 R<math>\beta</math>, rhIL-6, rhIL-6 R, rmIL-6, rhIL-7, rmIL-7, rhIL-8, rhIL-9, rmIL-9, rhIL-10, rmIL-10, rhIL-11, rmIL-12, rmIL-12 p40, rhIL-13, or rmIL-13.</p>
Immunogen	<p><i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human IL-12/IL-23 p40 free monomer Ile23-Ser328 Accession # P29460</p>
Notes	<p>CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254</p>

<b>Product Application Details</b>	
<b>Applications</b>	ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair)
<b>Recommended Dilutions</b>	ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair)
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to FAB609CL1**

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210-TA-005	TNF-alpha [Unconjugated]
DY499-05	IL-12/IL-23 p40 [Biotin]
M6000B-1	IL-6 [HRP]
6507-IL-010/CF	IL-4 [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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