

# Product Datasheet

## CXCL8/IL-8 Antibody (258911) [CoraFluor™ 1] FAB1608CL1

Unit Size: 0.1 ml

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

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**FAB1608CL1**

CXCL8/IL-8 Antibody (258911) [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	258911
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A or G purified from hybridoma 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><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	3576
Gene Symbol	IL8
Species	Canine
Specificity/Sensitivity	Detects canine CXCL8/IL-8 in direct ELISAs and Western blots. Does not cross-react with recombinant human CXCL1, 2, 3, 5, 6, 7, 8, 9, 10, 11, CXCL12/SDF-1 $\alpha$ , 12/SDF-1 $\beta$ , 13, 16, recombinant mouse CXCL1, 6, 9, 10, CXCL12/SDF-1 $\alpha$ , 13, recombinant rat (rr) CXCL1, CXCL3/CINC-2 $\alpha$ , rrCXCL3/CINC-2 $\beta$ , or recombinant porcine CXCL8.
Immunogen	<i>E. coli</i> -derived recombinant canine CXCL8/IL-8 Ala23-Pro101 Accession # P41324
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, Neutralization
Recommended Dilutions	Western Blot, Neutralization, 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.





### Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### General Contact Information

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### Products Related to FAB1608CL1

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NBP1-97005CL1	Mouse IgG1 Isotype Control (MG1) [CoraFluor™ 1]
NBP2-34905-5ug	Recombinant Human CXCL8/IL-8 Protein
210-TA-005	TNF-alpha [Unconjugated]
DY208-05	CXCL8/IL-8 [Biotin]

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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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