

Product Datasheet

gp130/CD130 Antibody (28105) [CoraFluor™ 1] FAB628CL1

Unit Size: 0.1 ml

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

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FAB628CL1

gp130/CD130 Antibody (28105) [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	28105
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A or G purified from ascites
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(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. CoraFluor(TM) 1, amine reactive CoraFluor(TM) 1, thiol reactive For more information, please see our CoraFluor(TM) TR-FRET technology flyer.
Host	Mouse
Gene ID	3572
Gene Symbol	IL6ST
Species	Human
Specificity/Sensitivity	Detects human gp130 in ELISAs. In sandwich immunoassays, no significant cross-reactivity or interference with recombinant human (rh) CNTF, rhIL-6, rhIL-6 R, recombinant mouse (rm) IL-6, rhIL-11, rhLIF, rhLIF R, rmLIF, or rhOSM is observed. This antibody blocks the human gp130-mediated bioactivities induced by IL-6, IL-11, LIF, OSM, and CNTF.
Immunogen	Sf 21-derived recombinant human gp130 extracellular domain Leu24-Glu619 (Glu619-Asp, predicted) Accession # P40189
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	Immunohistochemistry, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair), Neutralization
Recommended Dilutions	Immunohistochemistry, ELISA Standard (Matched Pair), Neutralization, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair)
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to FAB628CL1

NBP1-88138PEP	gp130/CD130 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
DGP00	gp130/CD130 [HRP]
M6000B-1	IL-6 [HRP]

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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