

Product Datasheet

GM2 Ganglioside Antibody (L55-81) [CoraFluor™ 1] NBP2-81278CL1

Unit Size: 0.1 ml

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

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NBP2-81278CL1

GM2 Ganglioside Antibody (L55-81) [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	L55-81
Preservative	No Preservative
Isotype	IgG Kappa
Conjugate	CoraFluor 1
Purity	Protein A purified
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	Rabbit
Species	Human
Specificity/Sensitivity	L55-81 binds specifically to GM2 ganglioside; this antibody shows no reactivity towards GM1, GM3, GD2 or normal tissues- the L55-81 epitope contains both a GalNAc and sialic acid bound to lactose. Ganglioside GM2 (GalNAcbeta1-4 (NeuNAcalpha2-3)Galbeta1-4Glcbeta-1ceramide) is a glycosphingolipid present on the cell surface and a major tumor-differentiation antigen in human melanoma and hepatoma.
Immunogen	L55-81 was prepared by isolating EBV-immortalized peripheral blood B lymphocytes from a human donor with melanoma.
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, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Cell depletion
Recommended Dilutions	ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Functional, Cell depletion



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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.

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

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