

# Product Datasheet

## GM2 Ganglioside Antibody (L55-81) [DyLight 550] NBP2-81278R

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-81278R****GM2 Ganglioside Antibody (L55-81) [DyLight 550]**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	L55-81
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG Kappa
<b>Conjugate</b>	DyLight 550
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	L55-81 was prepared by isolating EBV-immortalized peripheral blood B lymphocytes from a human donor with melanoma.
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Cell depletion
<b>Recommended Dilutions</b>	ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Functional, Cell depletion
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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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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