

# Product Datasheet

## Osteoactivin/GPNMB (Glembatumumab Vedotin) Antibody - Azide and BSA Free NBP3-44549

Unit Size: 100 ug

Store at -20C in powder form. Store at -80C once reconstituted.

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**NBP3-44549****Osteoactivin/GPNMB (Glebatumumab Vedotin) Antibody - Azide and BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at -20C in powder form. Store at -80C once reconstituted.
<b>Clonality</b>	Monoclonal
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.
<b>Isotype</b>	IgG2
<b>Purity</b>	> 90% by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)
<b>Target Molecular Weight</b>	145.56 kDa

<b>Product Description</b>	
<b>Description</b>	<p>Glebatumumab vedotin targets GPNMB, a protein located specifically on the surface of melanoma cells. After Glebatumumab vedotin binds to GPNMB, it is transported inside the cancer cell where the chemotherapy payload, Auristatin E, is cleaved from the antibody and activated.</p> <p>This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.</p>
<b>Host</b>	Human
<b>Species</b>	Human
<b>Immunogen</b>	Osteoactivin/GPNMB (Uniprot: Q14956)

<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Flow Cytometry, Functional
<b>Recommended Dilutions</b>	Flow Cytometry, ELISA, Functional



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G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH02P-100	Human IgG2 Isotype Control

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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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