

# Product Datasheet

## Mertansine/DM1 Antibody (A4G3-R) NBP3-33115

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-33115****Mertansine/DM1 Antibody (A4G3-R)**

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	A4G3-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol

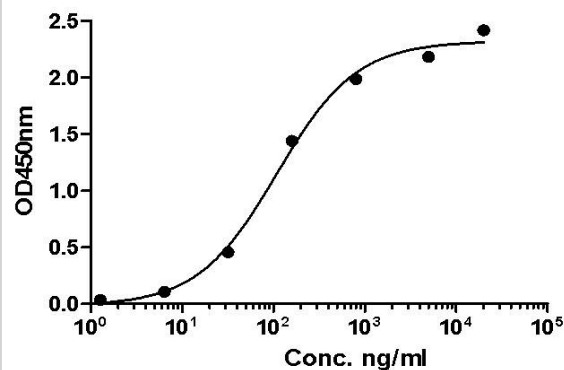
Product Description	
Description	Novus Biologicals Mouse Mertansine/DM1 Antibody (A4G3-R) (NBP3-33115) is a recombinant monoclonal antibody validated for use in ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Immunogen	Mertansine/DM1 coupled with OVA.

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA 1:5000-1:20000

**Images**

ELISA: Mertansine/DM1 Antibody (A4G3-R) [NBP3-33115] - Mertansine/DM1 Antibody (NBP3-33115) in indirect ELISA.

Indirect ELISA analysis of DM1 was performed by coating wells of a 96-well plate with 50  $\mu$ l per well of DM1 antigen diluted in carbonate/bicarbonate buffer, at a concentration of 1  $\mu$ g/mL overnight at 4°C. Wells of the plate were washed, blocked with StartingBlock blocking buffer, and incubated with 50  $\mu$ l per well of a mouse DM1 monoclonal antibody starting at a concentration of 20  $\mu$ g/mL and serially diluting it to a concentration of 1.28 ng/mL for 2 hours at room temperature. The plate was washed and incubated with 50  $\mu$ l per well of an HRP-conjugated goat anti-mouse IgG secondary antibody at a dilution of 1:10,000 for one hour at room temperature. Detection was performed using an Ultra TMB Substrate for 5 minutes at room temperature in the dark. The reaction was stopped with sulfuric acid and absorbances were read on a spectrophotometer at 450 nm.





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### **Products Related to NBP3-33115**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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