

Product Datasheet

Neomycin phosphotransferase II Antibody (4B4D1) NB110-60487

Unit Size: 0.1 ml

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

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NB110-60487**Neomycin phosphotransferase II Antibody (4B4D1)**

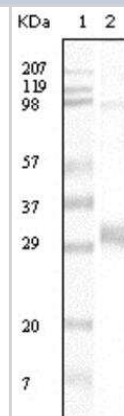
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4B4D1
Preservative	0.03% Sodium Azide
Isotype	IgG2a
Purity	Ascites
Buffer	Ascites

Product Description	
Description	Novus Biologicals Mouse Neomycin phosphotransferase II Antibody (4B4D1) (NB110-60487) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific, Bacteria
Reactivity Notes	Transfected or transformed cells / organisms (plants, animals) carrying NPTII gene encoding neomycin phosphotransferase II enzyme. Escherichia coli (E. coli).
Immunogen	Purified recombinant fragment of Neomycin phosphotransferase II expressed in E. Coli.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000

Images

Western Blot: Neomycin phosphotransferase II Antibody (4B4D1) [NB110-60487] - Figure 1: Western blot analysis using anti-human NPT monoclonal antibody against recombinant NPT expressed in E. Coli.

**Publications**

Goodman, CP;Padgett, VN;Evans, ER;von Arnim, AG; Paromomycin is a more effective selection agent than kanamycin in Arabidopsis harboring the neomycin phosphotransferase II transgene PloS one 2025-06-25 [PMID: 40561069]



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Products Related to NB110-60487

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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