

# Product Datasheet

## NFkB p105/p50 Antibody (2J10D7) - Azide and BSA Free NBP2-80872

Unit Size: 0.1 mg

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

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**NBP2-80872**

NFkB p105/p50 Antibody (2J10D7) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2J10D7
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

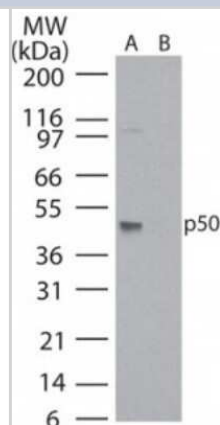
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Mouse NFkB p105/p50 Antibody (2J10D7) - Azide and BSA Free (NB100-56583) is a monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4790
<b>Gene Symbol</b>	NFKB1
<b>Species</b>	Human, Rat, Rabbit
<b>Reactivity Notes</b>	Predicted to react with Mouse and Rat which are 86% homologous with the immunogen.
<b>Immunogen</b>	A portion of amino acids 150-200 of human NF-kB (p50) was used as the immunogen.

**Product Application Details**

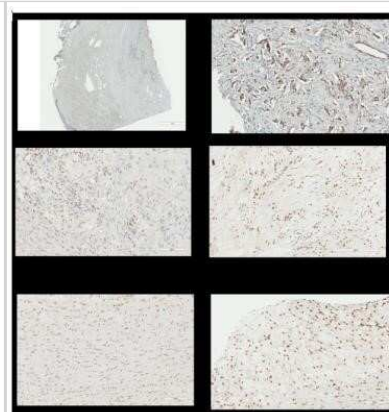
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, CyTOF-ready, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 2-5 ug/ml, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/ml, CyTOF-ready, Knockout Validated

**Images**

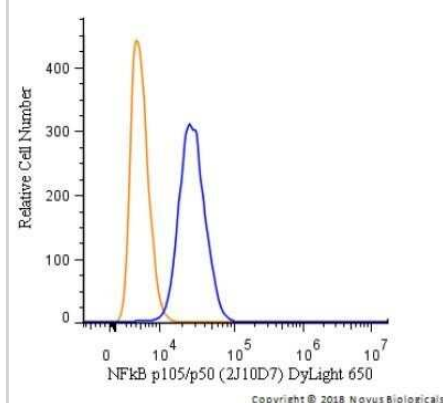
Western Blot: NFkB p105/p50 Antibody (2J10D7) - Azide and BSA Free [NBP2-80872] - Analysis of p50 in HeLa lysate in the A) absence and B) presence of immunizing peptide using p50 antibody at 5 ug/ml. Image from the standard format of this antibody.



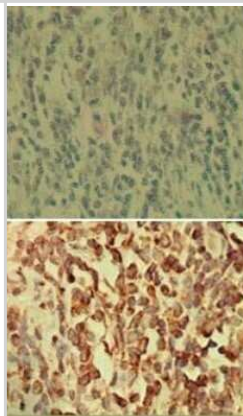
**Immunohistochemistry:** NFkB p105/p50 Antibody (2J10D7) - Azide and BSA Free [NBP2-80872] - IHC-P of rabbit aorta using NB100-56583. Secondary antibody: anti-mouse histofine ( Nisherei Bioscience Inc. ref: 414131F). Development: DAB (Dako ref: K346811-2) and counterstained with Hematoxylin. Submitted via verified customer review Image from the s



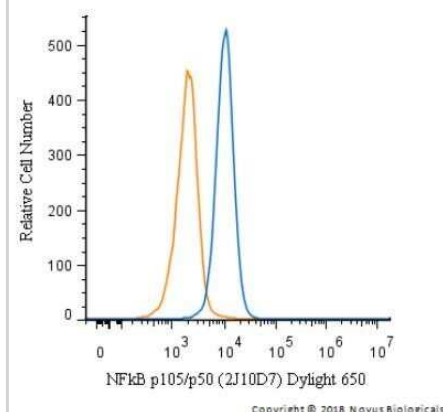
**Flow Cytometry:** NFkB p105/p50 Antibody (2J10D7) - Azide and BSA Free [NBP2-80872] - An intracellular stain was performed on U2-OS cells with NFkB p105/p50 [2J10D7] Antibody NB100-56583C (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to DyLight 650.



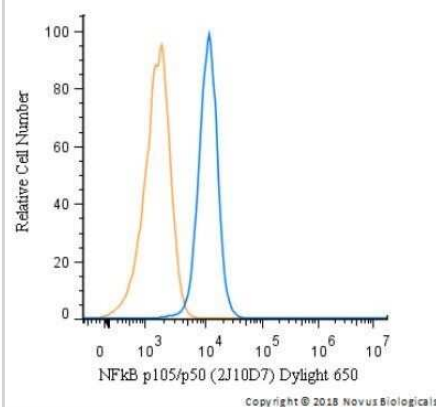
**Immunohistochemistry:** NFkB p105/p50 Antibody (2J10D7) - Azide and BSA Free [NBP2-80872] - analysis of human breast tumor tissue using an isotype control antibody (top) and p50 antibody (bottom) at 5 ug/ml. Image from the standard format of this antibody.



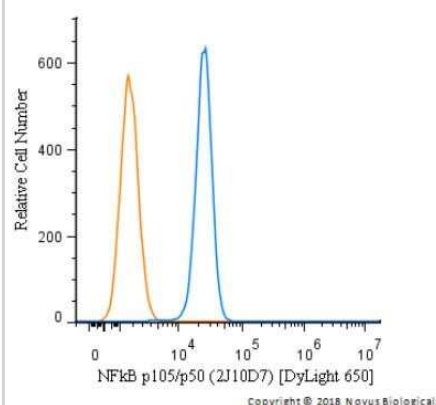
**Flow Cytometry:** NFkB p105/p50 Antibody (2J10D7) - Azide and BSA Free [NBP2-80872] - An intracellular stain was performed on HeLa cells with NFkB p105/p50 Antibody (2J10D7) NB100-56583C (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes. Both antibodies were directly conjugated to DyLight 650.



Flow Cytometry: NFkB p105/p50 Antibody (2J10D7) - Azide and BSA Free [NBP2-80872] - An intracellular stain was performed on Jurkat cells with NFkB p105/p50 Antibody (2J10D7) NB100-56583C (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes. Both antibodies were directly conjugated to DyLight 650.



Flow Cytometry: NFkB p105/p50 Antibody (2J10D7) - Azide and BSA Free [NBP2-80872] - An intracellular stain was performed on U937 cells with NFkB p105/p50 [2J10D7] Antibody NB100-56583C (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to DyLight 650.





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### **Products Related to NBP2-80872**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00004790-P01-10ug	Recombinant Human NFkB p105/p50 GST (N-Term) Protein

### **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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