

# Product Datasheet

## NF2/Merlin [p Ser518] Antibody NB100-82041

Unit Size: 0.05 ml

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

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**NB100-82041****NF2/Merlin [p Ser518] Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS [pH 7.4] contains 150mM NaCl and 50% glycerol (without Mg <sup>2+</sup> and Ca <sup>2+</sup> )
<b>Target Molecular Weight</b>	69 kDa

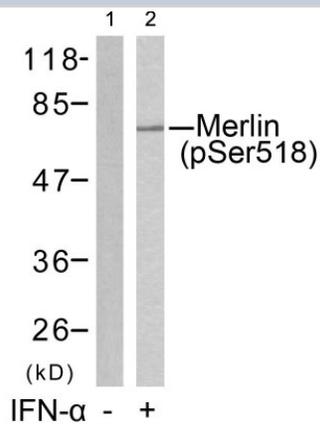
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4771
<b>Gene Symbol</b>	NF2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	This antibody is reactive against Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Merlin (specific to Phospho-Ser518) detects endogenous levels of Merlin only when phosphorylated at serine 518.
<b>Immunogen</b>	The antiserum was produced against synthesized phosphopeptide derived from human Merlin around the phosphorylation site of serine 518 (R-L-SP-M-E).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Immunocytochemistry/Immunofluorescence

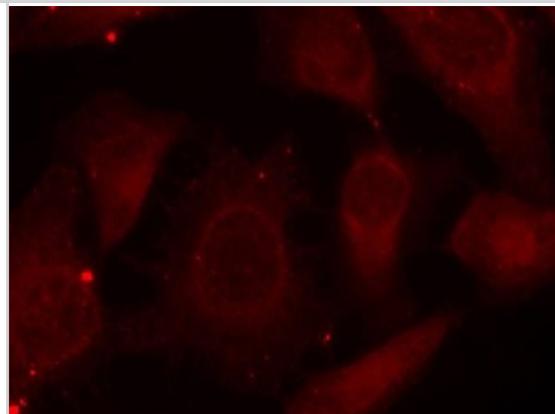


## Images

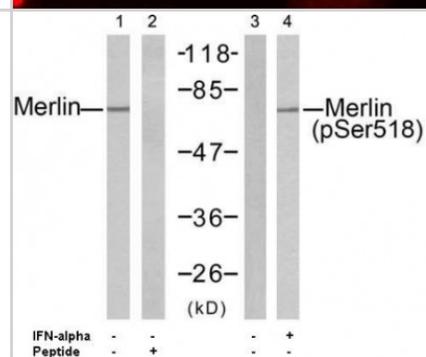
Western Blot: Merlin [p Ser518] Antibody [NB100-82041] - Analysis of extracts from HUVEC cells untreated (lane 1) or treated with IFN-alpha (lane 2) using Merlin(Phospho-Ser518) antibody



Immunocytochemistry/Immunofluorescence: Merlin [p Ser518] Antibody [NB100-82041] - Staining of methanol-fixed Hela cells using Merlin (Phospho-Ser518) antibody



Western Blot: Merlin [p Ser518] Antibody [NB100-82041] - Western blot analysis of extracts from HUVEC cells untreated or treated with IFN-a (100ng/ml, 15min), using Merlin antibody (100-82042, Lanes 1 and 2) and Merlin (phospho-Ser518) antibody (NB100-82041, Lanes 3 and 4).





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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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