

# Product Datasheet

## Phosphothreonine Antibody (RM102) NBP2-77398

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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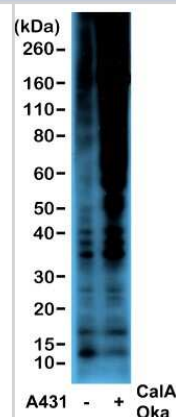
**NBP2-77398****Phosphothreonine Antibody (RM102)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	RM102
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50% Glycerol/PBS, 1% BSA
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Phosphothreonine Antibody (RM102) (NBP2-77398) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Species</b>	All Species
<b>Specificity/Sensitivity</b>	This antibody reacts threonine-phosphorylated proteins. No cross reactivity with non-phosphorylated threonine, phosphoserine, and phosphotyrosine. It shows slight cross-reactivity with a few phospho-serine-containing peptides.
<b>Immunogen</b>	Mixture of Phosphothreonine-BSA conjugate and a Phosphothreonine containing peptide
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot 1:500 -1:2000, Flow Cytometry 1:10 - 1:1000, ELISA, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/Immunofluorescence 1:100 - 1:500, Immunoprecipitation 1:100-1:500, Chromatin Immunoprecipitation (ChIP) 1:100-1:500

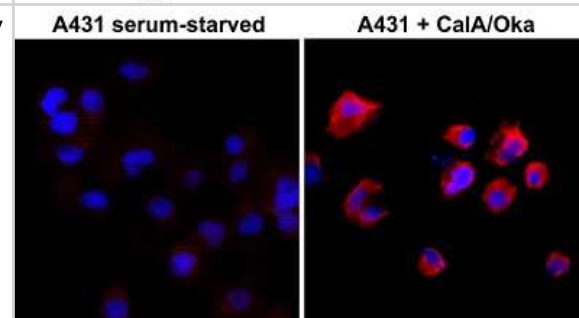


## Images

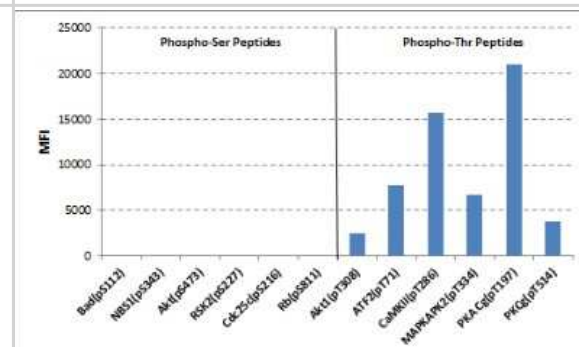
**Western Blot: Phosphothreonine Antibody (RM102) [NBP2-77398]** - Western blot of serum-starved A431 cells nontreated or treated with Calyculin A/Okadaic Acid, using NBP2-77398.



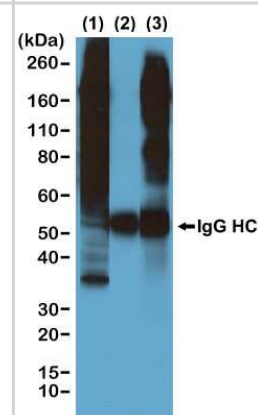
**Immunocytochemistry/Immunofluorescence: Phosphothreonine Antibody (RM102) [NBP2-77398]** - Immunocytochemistry of serum-starved A431 cells nontreated or treated with Calyculin A/Okadaic Acid, using NBP2-77398 (followed by a PE conjugated secondary antibody, red) and DAPI (blue).



**Multiplex Immunoassay: Phosphothreonine Antibody (RM102) [NBP2-77398]** - NBP2-77398 recognizes Phosphorylated threonine in peptides with different sequences. It has minimal cross-reactivity with phosphorylated serine.



**Immunoprecipitation: Phosphothreonine Antibody (RM102) [NBP2-77398]** - Immunoprecipitation of Calyculin A/Okadaic Acid treated A431 cells by NBP2-77398, and then blotted with NBP2-77398. (1) Whole lysate control; (2) IP by rabbit IgG control; (3) IP by NBP2-77398.





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### **Products Related to NBP2-77398**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG 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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