

# Product Datasheet

## TTL Antibody (4B5) - BSA Free NBP3-43058

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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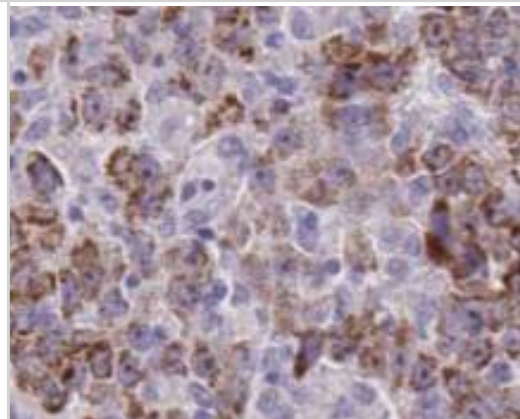
**NBP3-43058**

TTL Antibody (4B5) - BSA Free

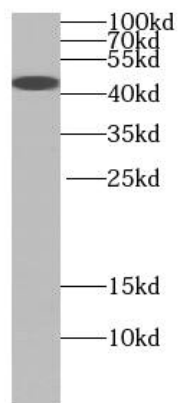
<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4B5
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol
<b>Target Molecular Weight</b>	43 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse TTL Antibody (4B5) - BSA Free (NBP3-43058) is a monoclonal antibody validated for use in IHC, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	150465
<b>Gene Symbol</b>	TTL
<b>Species</b>	Human
<b>Immunogen</b>	tubulin tyrosine ligase - (Uniprot# Q8NG68)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:200 - 1:2000, ELISA, Immunohistochemistry 1:20 - 1:200

## Images

Immunohistochemistry: TTL Antibody (4B5) [NBP3-43058] -  
Immunohistochemistry of paraffin-embedded human liver using (TTL  
antibody) at dilution of 1:50



Western Blot: TTL Antibody (4B5) [NBP3-43058] - SH-SY5Y cells were  
subjected to SDS PAGE followed by western blot with (TTL antibody) at  
dilution of 1:500





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### **Products Related to NBP3-43058**

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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]
NBP1-97005-0.5mg	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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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