

# Product Datasheet

## Serpin A1/alpha 1-Antitrypsin Antibody (2B12) NBP1-47444

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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**NBP1-47444****Serpin A1/alpha 1-Antitrypsin Antibody (2B12)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<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>	2B12
<b>Preservative</b>	0.03% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Ascites
<b>Buffer</b>	Ascites
<b>Target Molecular Weight</b>	47 kDa

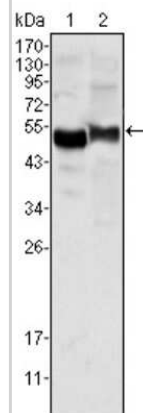
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Serpin A1/alpha 1-Antitrypsin Antibody (2B12) (NBP1-47444) is a monoclonal antibody validated for use in WB and ELISA. Anti-Serpin A1/alpha 1-Antitrypsin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	5265
<b>Gene Symbol</b>	SERPINA1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Immunogen</b>	Purified recombinant fragment of human Serpin A1/alpha 1-Antitrypsin expressed in E. Coli.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Dot Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, ELISA 1:10000, Dot Blot 1:100 - 1:2000
<b>Application Notes</b>	Dot Blot reactivity reported in scientific literature (PMID: 23028890).



## Images

Western Blot: Serpin A1/alpha 1-Antitrypsin Antibody (2B12) [NBP1-47444] - Analysis using AAT mouse mAb against human plasma (1) and NIH/3T3 cell lysate (2).



## Publications

Hoopes SL, Willcockson HH, Caron KM. Characteristics of Multi-Organ Lymphangiectasia Resulting from Temporal Deletion of Calcitonin Receptor-Like Receptor in Adult Mice PLoS One 2012-01-01 [PMID: 23028890] (Cytometric Bead Assay Standard, Mouse)



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### **Products Related to NBP1-47444**

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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.

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