

# Product Datasheet

## Pancreatic trypsin inhibitor Antibody (21) - BSA Free NBP2-23589-0.1ml

Unit Size: 0.1ml

Store at 4C in the dark.

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**NBP2-23589-0.1ml**

Pancreatic trypsin inhibitor Antibody (21) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	21
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10mM Phosphate (pH 7.4) and 0.5M NaCl

**Product Description**

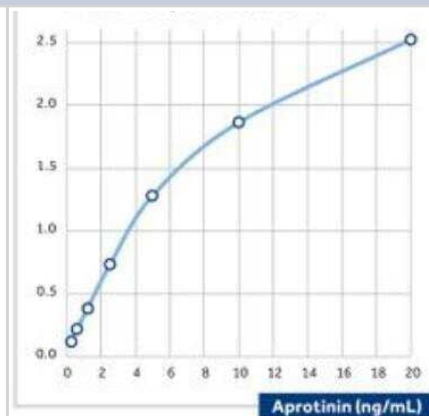
<b>Description</b>	Novus Biologicals Mouse Pancreatic trypsin inhibitor Antibody (21) - BSA Free (NBP2-23589) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	404172
<b>Gene Symbol</b>	PTI
<b>Species</b>	Bovine
<b>Specificity/Sensitivity</b>	Clone 21 binds bovine aprotinin immobilized on a solid phase or free in solution.
<b>Immunogen</b>	Aprotinin from bovine lung

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, ELISA 1:100-1:2000
<b>Application Notes</b>	ELISA: NBP2-23589 (as capture antibody coated at 2 ug/mL) forms an antibody pair with NBP2-23588 (as biotinylated detection antibody) for high-sensitivity sandwich ELISA of aprotinin at sample concentrations of 0.6-20 ug/mL. Aprotinin in urine diluted 1/1000 can be assayed against standards in buffer. For assay in plasma it is recommended to add aprotinin-free control plasma to the standards to match the plasma sample dilution. PBS-based buffers are unsuitable for this assay and 0.2 M glycine sodium buffer, pH 8.8, is recommended for washing and dilution buffers.

**Images**

ELISA: Pancreatic trypsin inhibitor Antibody (21) - BSA Free [NBP2-23589] - The calibration curve of a sandwich assay for Aprotinin (high sensitivity) using NBP2-23589 as the capture antibody and NBP2-23587 as the biotinylated detection antibody.





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### **Products Related to NBP2-23589-0.1ml**

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)
NBP3-30997	Bovine Pancreatic trypsin inhibitor ELISA Kit (Colorimetric)

### **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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