

# Product Datasheet

## TGF-beta 1 Antibody (PD00-17) NBP3-33008

Unit Size: 100  $\mu$ l

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

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**NBP3-33008**

TGF-beta 1 Antibody (PD00-17)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<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>	PD00-17
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	44 kDa

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	7040
<b>Gene Symbol</b>	TGFB1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide (KLH-coupled) corresponding to Human TGF-Beta 1 C-terminal. (Uniprot: P01137)

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200

## Images

Western Blot: TGF-beta 1 Antibody (PD00-17) [NBP3-33008] - Western blot analysis of TGF-beta 1 on different lysates with Rabbit anti-TGF-beta 1 antibody (NBP3-33008) at 1/2,000 dilution.

Lane 1: Raji cell lysate (15 ug/Lane)  
 Lane 2: K-562 cell lysate (15 ug/Lane)  
 Lane 3: Mouse spleen tissue lysate (20 ug/Lane)  
 Lane 4: Rat spleen tissue lysate (20 ug/Lane)

Predicted band size: 44 kDa  
 Observed band size: 44 kDa

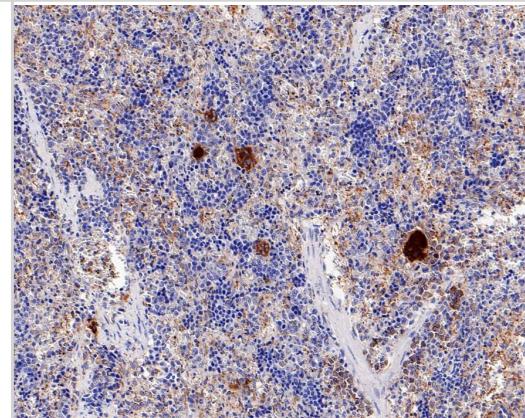
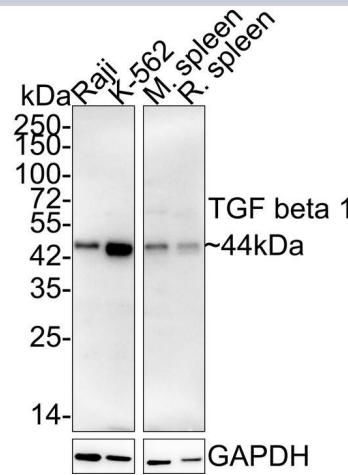
Exposure time: 3 minutes 54 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-33008) at 1/2,000 dilution was used in 5% NFDM/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: TGF-beta 1 Antibody (PD00-17) [NBP3-33008] - Immunohistochemical analysis of paraffin-embedded rat spleen tissue with Rabbit anti-TGF-beta 1 antibody (NBP3-33008) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-33008) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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## Products Related to NBP3-33008

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51925-0.05mg	Recombinant Mouse TGF-beta 1 His Protein

## 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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