

# Product Datasheet

## T-bet/TBX21 Antibody (39D) - BSA Free NBP1-43299-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-43299-0.1mg**

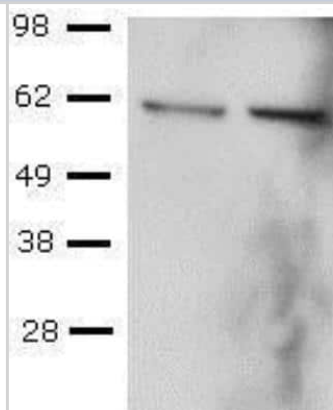
T-bet/TBX21 Antibody (39D) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	39D
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS (pH 7.2)
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse T-bet/TBX21 Antibody (39D) - BSA Free (NBP1-43299) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-T-bet/TBX21 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	30009
<b>Gene Symbol</b>	TBX21
<b>Species</b>	Human, Mouse, Rat
<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>	The immunogen for this antibody was raised against TBX21.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:100
<b>Application Notes</b>	This 39D antibody has been tested by western blot analysis of Th1-polarized mouse CD4+ T cells and can be used at 2 ug/ml as a starting dilution for western blotting. Use in Immunohistochemistry and Immunocytochemistry/Immunofluorescence was reported in a scientific publication (PMID: 23691163).



## Images

Western Blot: T-bet/TBX21 Antibody (39D) [NBP1-43299] - CD4+ T cells were sorted from mouse splenocytes, then activated with Anti-Mouse CD3 and Anti-Mouse CD28, followed by culture in Th1-polarizing conditions, and re-stimulation with PMA and Ionomycin. Lysates from control (left) or PMA and Ionomycin-re-stimulated (right) cells were probed with Anti-T-bet Purified at 2 ug/ml, and revealed with Anti-Mouse IgG HRP.



## Publications

Cho H, Park NJ, Ko J et al. Pellino-1 expression is associated with epidermal proliferation and enhanced Th17 cell infiltration in psoriatic lesions *Experimental dermatology* 2023-06-09 [PMID: 37291939]

Bagnoli E, FitzGerald U. Mitral cells and the glucagon-like peptide 1 receptor: the sweet smell of success *Eur. J. Neurosci.* 2018-08-18 [PMID: 30120857] (IF/IHC, Mouse)

Ma J, Dankulich-Nagrudny L, Lowe G. Cholecystokinin: An Excitatory Modulator of Mitral/Tufted Cells in the Mouse Olfactory Bulb. *PLoS One* 2013-05-15 [PMID: 23691163] (ICC/IF, IF/IHC, Mouse)



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### **Products Related to NBP1-43299-0.1mg**

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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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