

# Product Datasheet

## T-bet/TBX21 Antibody (4B10) - BSA Free NBP1-43298-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-43298-0.1mg**

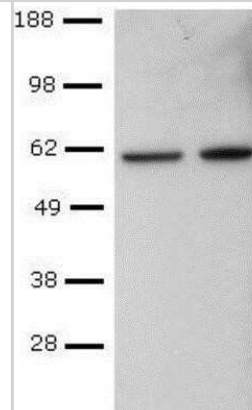
T-bet/TBX21 Antibody (4B10) - BSA Free

<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>	4B10
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS (pH 7.2)
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	30009
<b>Gene Symbol</b>	TBX21
<b>Species</b>	Human, Mouse, Rhesus Macaque
<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 TBet.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Flow (Intracellular), Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunoprecipitation 1:10-1:500, Flow (Intracellular)
<b>Application Notes</b>	This 4B10 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.

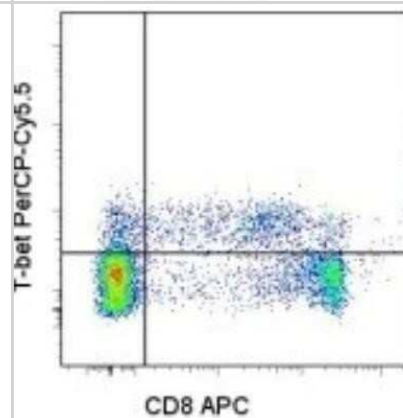


## Images

Western Blot: T-bet/TBX21 Antibody (4B10) [NBP1-43298] - CD4+ T cells were sorted from mouse spleen, activated with Anti-Mouse CD3 and Anti-Mouse CD28, followed by culture in Th1-polarizing conditions, and re-activation with PMA and Ionomycin. Lysates from control (left) or PMA and Ionomycin-re-activated (right)



Flow (Intracellular): T-bet/TBX21 Antibody (4B10) [NBP1-43298] - Intracellular staining of normal human peripheral blood cells with Anti-Human CD8a APC and 0.125 ug of Anti-Human/Mouse T-bet PerCP-Cy5.5 using the Fcγ3 Fixation/Permeabilization Buffers. Cells in the lymphocyte gate were used for analysis. Image using the PerCP/Cy5.5 format of this antibody.





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### Products Related to NBP1-43298-0.1mg

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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)
NBP1-43298APC	T-bet/TBX21 Antibody (4B10) [Allophycocyanin]

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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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