

# Product Datasheet

## TLR12 Antibody - BSA Free

### NBP2-24833

Unit Size: 0.1 mg

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

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**NBP2-24833**

TLR12 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	0.2 ml PBS and 0.2% Gelatin

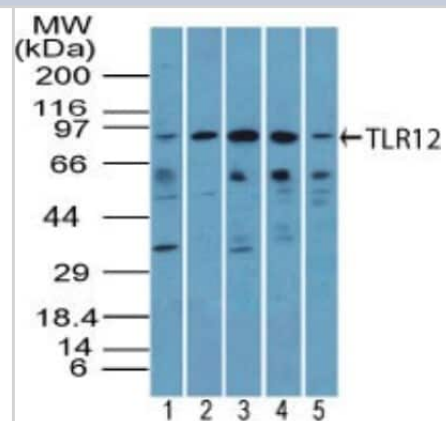
Product Description	
Host	Rabbit
Gene ID	100131451
Gene Symbol	TLR12P
Species	Mouse, Rat
Immunogen	This antibody was developed against a synthetic peptide corresponding to amino acids of 743-756 (RVWLQGLRGKGDKG) of mouse TLR12.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular)
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Flow (Intracellular)

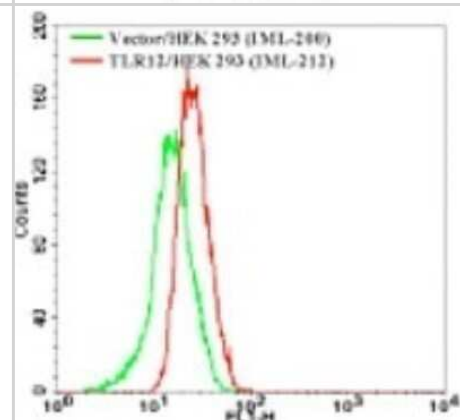


## Images

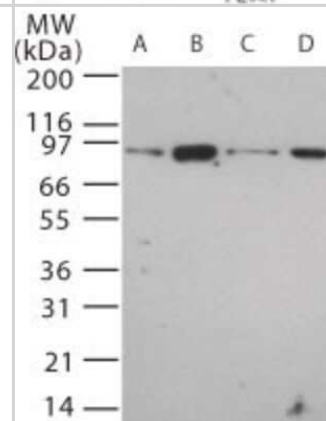
Western Blot: TLR12 Antibody [NBP2-24833] - Analysis of TLR12 in male rat reproductive tissue: 1) whole testis, 2) caput, 3) corpus, 4) cauda and 5) vas deferens using this antibody at 4 ug/ml.



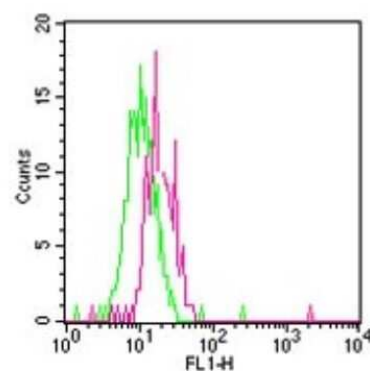
Flow (Intracellular): TLR12 Antibody [NBP2-24833] - Analysis using the FITC conjugate of NBP2-24833. Staining of TLR12 in the TLR12 table cell line using this antibody at 1 ug/10<sup>6</sup> cells (green represents vector control, red represents TLR12 antibody).



Western Blot: TLR12 Antibody [NBP2-24833] - Analysis of TLR12 in 20 ug/lane of mouse (A) brain, (B) heart, (C) small intestine, (D) kidney tissue lysate using this antibody at 5 ug/ml.



Flow Cytometry: TLR12 Antibody [NBP2-24833] - Analysis using the FITC conjugate of NBP2-24833. Staining of TLR12 in Balb/c mouse splenocytes using this antibody at 1 ug/10<sup>6</sup> cells. Green represents rabbit IgG isotype control was used for this test.



## Publications

Palladino M A, Johnson T A, Gupta R et al. Members of the Toll-like receptor family of innate immunity pattern-recognition receptors are abundant in the male rat reproductive tract. *Biol Reprod.* 2007-06-01 [PMID: 17314314] (WB, Rat)

Palladino Michael A, Savarese Michael A, Chapman Jessica L et al. Localization of Toll-like receptors on epididymal epithelial cells and spermatozoa. *Am J Reprod Immunol.* 2008-12-01 [PMID: 19032616]





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### **Products Related to NBP2-24833**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-24833PEP	TLR12 Antibody Blocking Peptide

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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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