

# Product Datasheet

## Thyroglobulin Antibody (14/14) NBP1-42112-1ml

Unit Size: 1 ml

Store at 4C. Do not freeze.

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**NBP1-42112-1ml**

Thyroglobulin Antibody (14/14)

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	14/14
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	7038
<b>Gene Symbol</b>	TG
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	human, mouse, rat. 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>Specificity/Sensitivity</b>	The antibody reacts in immunoblot with 27S, 19S and 12S thyroglobulin and lacks reactivity with cyogen bromide cleavage products of thyroglobulin. It cross reacts with thyroglobulin from several species including rat, goat, chicken and mouse. It does not cross react with different human tissues tested, including kidney, ovary, endometrium, testis, salivary gland, colon, appendix, antrum, adrenal, liver, pancreas, spleen, bronchus epithelium, duode-num, parathyroid and mammary gland tissue.
<b>Immunogen</b>	The antibody reacts in immunoblot with 27S, 19S and 12S thyroglobulin and lacks reactivity with cyogen bromide cleavage products of thyroglobulin.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	This monoclonal antibody stains human thyroglobulin within normal thyroid and thyroid cancer tissues. Formalin fixed and paraffin embedded tissues give satisfactory re-sults. It is better not to use frozen tissue since thyroglobulin is a soluble protein aFor use in staining of tissue sections it has to be diluted 1:5, preferably in phosphate buffered saline. See for useful procedures instructions H (as for formalin fixed tissues).





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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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