

Product Datasheet

Thyroglobulin Antibody (2H11 + 6E1) - Azide and BSA Free NBP2-34530-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-34530-0.1mg

Thyroglobulin Antibody (2H11 + 6E1) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2H11 + 6E1
Preservative	No Preservative
Isotype	IgG1 Kappa/IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	660 kDa

Product Description	
Description	<p>1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-34294).</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
Host	Mouse
Gene ID	7038
Gene Symbol	TG
Species	Human, Mouse, Rat
Marker	Thyroidal Cell Marker
Specificity/Sensitivity	<p>Thyroglobulin is a 660kDa dimeric pre-protein with multiple glycosylation sites. It is produced by and processed within the thyroid gland to produce the hormone thyroxine and triiodothyronine. Prior to forming dimers, thyroglobulin monomers undergo conformational maturation in the endoplasmic reticulum. The vast majority of follicular carcinomas of the thyroid will give positive immunoreactivity for anti-thyroglobulin even though sometimes only focally. Poorly differentiated carcinomas of the thyroid are frequently anti-thyroglobulin negative. Adenocarcinomas of other-than-thyroid origin do not react with this antibody. This antibody is useful in identification of thyroid carcinoma of the papillary and follicular types. Presence of thyroglobulin in metastatic lesions establishes the thyroid origin of tumor. Anti-thyroglobulin, combined with anti-calcitonin, can identify medullary carcinomas of the thyroid. Furthermore, anti-thyroglobulin, combined with anti-TTF1, can be a reliable marker to differentiate between primary thyroid and lung neoplasms.</p>
Immunogen	Human thyroid follicular cells

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry 0.5-1.0ug/million cells, Immunohistochemistry, Immunohistochemistry-Paraffin 0.5-1ug/ml, CyTOF-ready



Application Notes

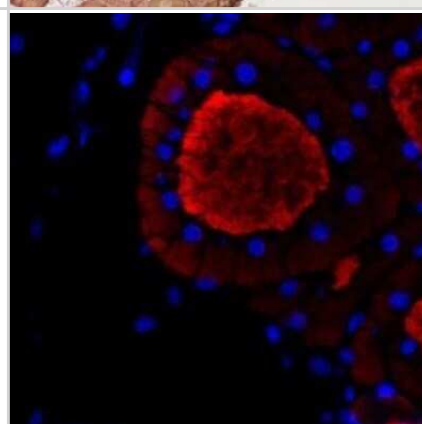
Immunohistochemistry (Formalin-fixed): 0.1-0.2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

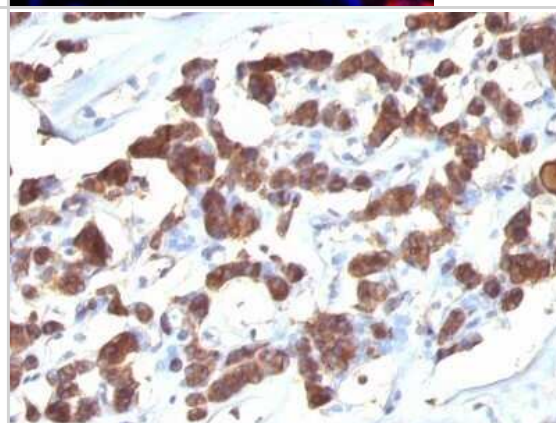
Immunohistochemistry-Paraffin: Thyroglobulin Antibody (2H11 + 6E1) - Azide and BSA Free [NBP2-34530] - Imaging of Mouse stomach tissue. Positive staining can only be observed inside the thyroid cells and the follicle in thyroid tissue. This image was submitted via customer Review.



Immunohistochemistry-Paraffin: Thyroglobulin Antibody (2H11 + 6E1) - Azide and BSA Free [NBP2-34530] - Thyroglobulin staining in thyroid tissue of normal C57 mouse (Red). Dilution is 1:100. This image was submitted via customer Review.



Immunohistochemistry-Paraffin: Thyroglobulin Antibody (2H11 + 6E1) - Azide and BSA Free [NBP2-34530] - Analysis using Azide/BSA FREE version of NBP2-34530. Human Thyroid stained with Thyroglobulin Ab (2H11 + 6E1).





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Products Related to NBP2-34530-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
H00007038-Q02-25ug	Recombinant Human Thyroglobulin GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

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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