

Thyroglobulin clone 2H11 + 6E1

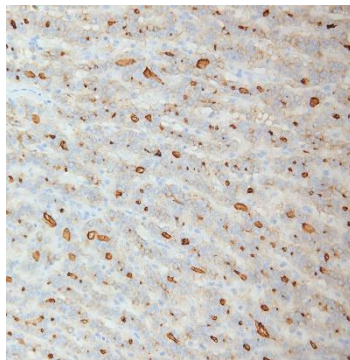
Instructions for Use

Specification:

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. Antibody to thyroglobulin has been shown to be useful for the identification of papillary and follicular thyroid carcinoma.

Availability:

Catalog No.	Contents	Volume
ILM1133-C01	Thyroglobulin	0,1 ml concentrate
ILM1133-C05	Thyroglobulin	0,5 ml concentrate
ILM1133-C1	Thyroglobulin	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human, Mouse, Rat. Others not known.

Clone: 2H11 + 6E1

Species of origin: Mouse

Isotype: IgG₁ kappa

Control Tissue: Thyroïd

Staining: Cytoplasmic

Presentation: Bioreactor Concentrate with 0.05% Azide

Application and suggested dilutions:

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:200 – 1:400)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:200-1:400)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

- 1) Bellet, D, et al. J Clin Endocrin Metab 1983;56:530-533
- 2) Heffess CS et al. Cancer. 2002 Nov 1;95(9):1869-78
- 3) Bejarano PA et al. Appl Immunohistochem Mol Morphol. 2000 Sep;8(3):189-94
- 4) Judkins AR et al. Hum Pathol. 1999 Nov;30(11):1373-6
- 5) Hammer SP. Hum Pathol. 1998 Dec;29(12):1393-402
- 6) Ossendorp FA, et. al. Journal of Immunological Methods, 1989, 120(2):191-200