



Mouse Anti-Human Thyroglobulin monoclonal antibody, clone JID785 (CABT-L3032)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Thyroglobulin
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID785
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Thyroid
Format	Liquid
Size	Predilute: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction Thyroglobulin is a precursor to the thyroid hormones T4 and T3 and is present in the thyroid follicular cells. Nearly all thyroid follicular carcinomas stain for thyroglobulin and sometimes produce a focal staining pattern. Conversely, poorly differentiated carcinomas and non-thyroid adenocarcinomas do not stain for thyroglobulin, therefore this Thyroglobulin IVD antibody is a useful diagnostic tool for recognizing papillary and follicular thyroid carcinomas. A panel of Anti-Thyroglobulin and Anti-Calcitonin is useful for identifying medullary thyroid carcinomas, whereas a panel of Anti-Thyroglobulin and Anti-TTF1 is useful for distinguishing between primary thyroid and lung neoplasms.

Keywords thyroglobulin;11764;Ensembl:ENSG00000042832;thyroglobulin;TG;TGN;AITD3