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10-11557: Mouse Monoclonal Antibody to Thyroid Peroxidase(Clone: MoAb47)(Discontinued)

Clonality :	Monoclonal
Clone Name :	MoAb47
Application :	IHC
Reactivity :	Human
Gene :	TPO
Gene ID :	7173
Uniprot ID :	P07202
Format :	T.C. Sup.
Alternative Name :	TPO
Isotype :	Mouse IgG1
Immunogen Information :	Human thyroid peroxidase (hTPO) purified from thyroid microsomes by immunoaffinity chromatography.

Description

Thyroid peroxidase (TPO) is a transmembrane protein of 107kDa containing a heme prosthetic group. It is present as a dimer on the apical surface of thyroid follicular cells. TPO is the primary enzyme involved in thyroid hormone synthesis. Malignant thyroid tumors exhibit an anomaly in TPO resulting in lower affinity for anti-TPO. This antibody may aid in the differentiation between benign and malignant thyroid tumors.

Product Info

Amount :	0.5 ml
Content :	This antibody is supplied as tissue culture supernatant containing sodium azide as preservative.
Storage condition :	Store at 2-8°C.

Application Note

IHC : 1:10-1:25

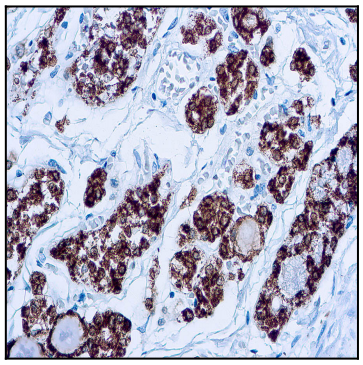


Figure 1 : Formalin fixed paraffin embedded human thyroid stained with thyroid peroxidase antibody (10-11557).

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