

Mouse anti-Human Thyroid Peroxidase Monoclonal Antibody | anti-TPO antibody

Anti-Thyroid Peroxidase Antibody

CATALOG # AAA264840	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

Thyroid Peroxidase; Monoclonal Antibody; Anti-Thyroid Peroxidase Antibody; Thyroid peroxidase; TPO; anti-TPO antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Specificity	Recognizes endogenous levels of Thyroid Peroxidase protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for anti-TPO antibody	IHC (Immunohistochemistry)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human Thyroid Peroxidase. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunohistochemical analysis of Thyroid Peroxidase staining in human papillary thyroid carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Thyroid Peroxidase staining in human follicular thyroid carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL INFORMATION

Related Product Information for anti-TPO antibody	Mouse monoclonal antibody to Thyroid Peroxidase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28558982
NCBI GeneID	7173

NCBI Accession #	NP_000538.3
NCBI GenBank Nucleotide #	NM_000547.5
UniProt Accession #	P07202; P09934; P09935; Q8IUL0; Q8NF94; Q8NF95; Q8NF96; Q8NF97; Q8TCI9
Molecular Weight	102,963 Da
NCBI Official Full Name	thyroid peroxidase isoform a
NCBI Official Synonym Full Names	thyroid peroxidase
NCBI Official Symbol	TPO
NCBI Official Synonym Symbols	MSA; TPX; TDH2A
NCBI Protein Information	thyroid peroxidase; thyroperoxidase; thyroid microsomal antigen
UniProt Protein Name	Thyroid peroxidase
UniProt Gene Name	TPO
UniProt Synonym Gene Names	TPO
UniProt Entry Name	PERT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/thyroid-peroxidase-antibody-immunohistochemistry-elisa/264840>