

CATALOGUE #: 4TP15

PRODUCT NAME: Monoclonal mouse anti-human thyroid peroxidase

MAbs *in vivo*: 6H7, TPO28, TPO34, TPO35

Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Human thyroid peroxidase

Specificity: Human thyroid peroxidase

MAb isotypes: IgG1 for 6H7, TPO28, TPO34, TPO35

Applications: 6H7 is recommended for affinity purification of human thyroid peroxidase.

Detection of human TPO (both native and recombinant). 6H7, TPO28, TPO34, and TPO35 are working in direct ELISA and sandwich immunoassays. Recommended pairs for sandwich immunoassays:

Capture	Detection
TPO28	TPO35
TPO34	TPO35

TPO28 and TPO34 can be applied for Western blotting detection of human TPO (both native and recombinant).

Purification: Protein A chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN₃)

Storage: +4 °C (+2 ... +8 °C allowed)

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.