



DataSheet

CATALOGUE #: 4TP15

PRODUCT NAME: Monoclonal mouse anti-human thyroid peroxidase

MAbs: 6H7, TPO28, TPO34, TPO35

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with human thyroid peroxidase.

Specificity: Human thyroid peroxidase

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

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

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

TPO28 – TPO35

TPO34 – TPO35

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

Purification: Chromatography on protein A Sepharose

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 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.

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