

Mouse anti-Thyroid Peroxidase, clone AC25 (monoclonal)

Clone no. AC25

MONXtra

Product name	Mouse anti-Thyroid Peroxidase, clone AC25 (monoclonal)
Host	Mouse
Applications	IHC-P (1:80)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein containing 105 amino acids corresponding to a portion of the N-terminus of the human thyroid peroxidase molecule.
Isotype	IgG1
Clonality	Monoclonal
Clone number	AC25
Size	1 ml
Concentration	Greater than or equal to 10.8 mg/L
Format	-
Storage buffer	Tissue culture supernatant with sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Thyroid peroxidase gene expression is under the regulation of thyroid stimulating hormone. In normal thyroid, expression of thyroid peroxidase (TPO) described immunohistochemically is reported to produce a diffuse, fine, granular cytoplasmic stain in all follicular cells. Some studies have shown qualitative, as well as quantitative differences in thyroid peroxidase expression in thyroid cancer compared to normal tissue.

References

1. Kimura S et al. Proceedings of the National Academy of Science USA 84: 5555-
2. De Micco C et al. Cancer 67(12): 3036-3041 (1991)
3. Czarnocka B et al. Breast Journal Cancer 85(6): 875-880 (2001)
4. Tanaka T et al. Journal of Pathology 179: 89-94 (1996)
5. -

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