

Monoclonal Antibody to TR alpha-1+2 / THRA / NR1A1 - Purified

Alternate names:	THRA
Catalog No.:	DM350
Quantity:	1 ml
Background:	Thyroid hormone receptors (TR) are ligand dependent members of the steroid/retinoic acid superfamily of transcription factors. The two genes encoding TRs identified to date, TR-alpha and TR-beta, have been mapped to human chromosomes 17 and 3, respectively.
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	G12/H12
Immunogen:	BALB/C mice were injected with synthetic peptide corresponding to aa 13-32 from N-terminus of human TR-alpha-1.
Format:	State: Liquid Ig fraction Buffer System: 10 mM citrate buffer, pH 6.0 - containing sodium azide as preservative.
Applications:	Western Blot. Immunohistochemistry on paraffin embedded sections: diluted of 1:25-1:50 in an ABC method (30 minutes at room temperature) Recommended Positive Control: Colon carcinoma Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with a 50 kD (TR-alpha-1) and 60 kD (TR-alpha-1) proteins. It does not react with beta isotype. Cellular Localization: Nuclear Species: Human, Mouse, Rat, Pig. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.