

## Anti human TR beta 1 mouse monoclonal antibody

TR beta1: Thyroid Hormone Receptor beta1

Code No	PP-H3825A-00
Clone No.	H3825A
Lot.	A-1
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	Thyroid hormone receptor beta (TRb, THRB; NR1A2) is a member of nuclear hormone receptors. The ligands for TRb are the thyroid hormones, which exist in two forms: T4 (3,5,3',5'-tetraiodo-L-thyronine) and T3 (3,5,3'-tri-iodo-L-thyronine). TRb plays critical roles in the differentiation, growth, metabolism and physiology of a wide variety of tissues. The major partners of TRs are the RXRs, which strongly enhance their ability to bind to specific DNA sequences and contribute to the specificity of action of TR.
Nomenclature	NR1A2
Genbank	X04707
Origin	Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant TR beta 1 (2-100 aa) .
Specificity	This antibody specifically recognizes human TR beta 1 but does not recognize TR beta 2 and TR alpha. Not yet tested in other species.
Purification	Ammonium sulfate fractionation
Formulation	Physiological saline with 0.1% NaN <sub>3</sub> as a preservative.

### Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot	1 ug/mL
Non reducing Western Blot	Not yet tested
ELISA	0.1 ug/mL
Immunoprecipitation	Decide by use
Supershift Assay	Not yet tested
Chromatin immunoprecipitation	Not yet tested
Immunohistochemistry	Not yet tested

Storage	Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.
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### Reference

Notes	Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.
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