

**Anti-Thyroid Hormone Receptor,  $\beta$ -Isotype Antibody**  
**Our Anti-Thyroid Hormone Receptor,  $\beta$ -Isotype primary antibody from PhosphoSolutions**  
**is mouse monoclo**  
**Catalog # AN1583**

## Specification

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### Anti-Thyroid Hormone Receptor, $\beta$ -Isotype Antibody - Product Information

Primary Accession	<a href="#">P10828</a>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG1</b>
Calculated MW	<b>52788</b>

### Anti-Thyroid Hormone Receptor, $\beta$ -Isotype Antibody - Additional Information

Gene ID **7068**

#### Other Names

Avian erythroblastic leukemia viral (v erb a) oncogene homolog 2 antibody, C ERBA 2 antibody, C ERBA BETA antibody, c-erbA-2 antibody, c-erbA-beta antibody, ERBA 2 antibody, ERBA BETA antibody, ERBA2 antibody, Erythroblastic leukemia viral (v erb a) oncogene homolog 2 avian antibody, generalized resistance to thyroid hormone antibody, GRTH antibody, MGC126109 antibody, MGC126110 antibody, NR1A2 antibody, Nuclear receptor subfamily 1 group A member 2 antibody, Oncogene ERBA2 antibody, PRTB antibody, THB\_HUMAN antibody, THR1 antibody, THRB 1 antibody, THRB 2 antibody, thrB antibody, THRB1 antibody, THRB2 antibody, Thyroid hormone nuclear receptor beta variant 1 antibody, Thyroid hormone receptor beta 1 antibody, Thyroid hormone receptor beta 2 antibody, Thyroid hormone receptor beta antibody, Thyroid hormone receptor beta (erythroblastic leukemia viral (v erb a) oncogene homolog 2 avian) antibody

#### Target/Specificity

Thyroid hormones are essential for development of the central nervous system and deficits in these hormones during development affects such cognitive functions as learning and memory (Ambrogini et al., 2005; Chan and Kilby, 2000). Thyroid hormones exert their physiological role mainly through binding to specific nuclear receptors including the predominant isoforms of thyroid hormone receptors TR $\alpha$ 1, TR $\alpha$ 2, TR $\beta$ 1 and TR $\beta$ 2. TR $\alpha$ 1, TR $\beta$ 1 and TR $\beta$ 2 bind T3 with high affinity and also bind to thyroid hormone response elements (TREs) on chromatin to regulate the transcriptional processes in several target tissues, including adult rat brain (Constantinou et al., 2005).

#### Format

Protein G Purified

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

Anti-Thyroid Hormone Receptor,  $\beta$ -Isotype Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### Shipping

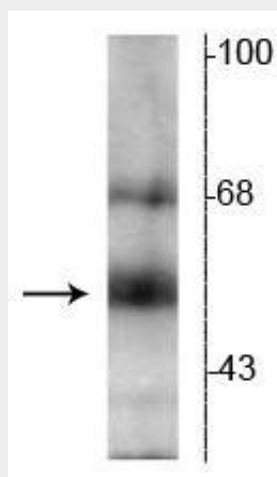
Blue Ice

### Anti-Thyroid Hormone Receptor, $\beta$ -Isotype Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-Thyroid Hormone Receptor, $\beta$ -Isotype Antibody - Images



Western blot of hippocampal lysate showing specific immunolabeling of the ~55 kDa TR- $\beta$  protein.

### Anti-Thyroid Hormone Receptor, $\beta$ -Isotype Antibody - Background

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