Recombinant TSH-Receptor, A-Chain (Thyroid Marker) Antibody

Rabbit Monoclonal Antibody [Clone TSHR/17641R]

Catalog No	Format	Size
7253-RBM23-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7253-RBM23-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7253-RBM23-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

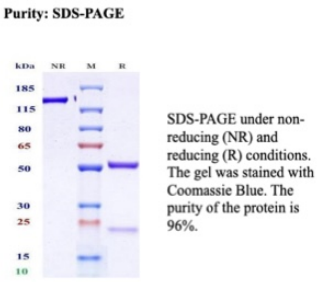
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	TSHR/17641R
Immunogen	Recombinant full-length human TSHR protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	86.84kDa
Cellular Localization	Basolateral cell membrane, Cell membrane
Species Reactivity	Human
Positive Control	Expressed in thyroide cells (at protein level) (PubMed:11847099)

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant TSH-Receptor, A-Chain (Thyroid Marker) Antibody



SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is 96%.

SDS-PAGE Analysis of Purified Recombinant TSH-Receptor, A-Chain (Thyroid Marker) Rabbit Monoclonal Antibody (TSHR/17641R). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Receptor for the thyroid-stimulating hormone (TSH) or thyrotropin (PubMed:11847099, PubMed:12045258). Also acts as a receptor for the heterodimeric glycoprotein hormone (GPHA2:GPHB5) or thyrostimulin (PubMed:12045258). The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed:11847099). Plays a central role in controlling thyroid cell metabolism (By similarity).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.