

Anti-TSHR Antibody (8N430)

Product Details

Ig Type:	hIgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8N430
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. The Binding Activity of Human TSHR with Anti-TSHR Recombinant Antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human TSHR at 10 µg/mL can bind Anti-TSHR recombinant antibody. The EC50 is 30.81-36.12 ng/mL. The VLPs is negative control.</p> <p>2. Untransfected HEK293T cells (green line) and transfected Human TSHR HEK293T stable cells (red line) were stained with anti-TSHR antibody (TMAH-01217) (2µg/1*10⁶ cells), washed and then followed by APC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.</p> <p>3. The purity of TSHR was greater than 95% as determined by SEC-HPLC</p>
Application:	ELISA
Recommended	ELISA:1:5000-1:50000.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human TSHR Protein
Antigen Species:	Human
Gene ID:	7253
Uniprot ID:	P16473
Biology Area:	Neuroscience, Signal transduction

Research Background

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481