

## 12-9632: Anti-TSHR antibody(1C8), IgG1 Chimeric mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	1C8
<b>Reactivity :</b>	Human
<b>Gene :</b>	TSHR
<b>Uniprot ID :</b>	P16473
<b>Alternative Name :</b>	LGR3; CHNG1; hTSHR-I
<b>Isotype :</b>	Rabbit/Human Fc chimeric IgG1

### Description

The protein encoded by this gene is a membrane protein and a major controller of thyroid cell metabolism. The encoded protein is a receptor for thyrotropin and thyrostimulin, and its activity is mediated by adenylate cyclase. Defects in this gene are a cause of several types of hyperthyroidism. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]

### Product Info

<b>Amount :</b>	10µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 14% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage condition :</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C(Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

### Application Note

Flow Cyt 1/100

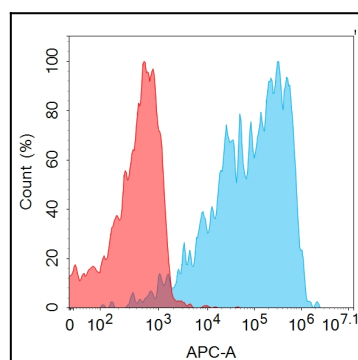


Figure 1. Flow cytometry analysis with 1µg/mL Anti-TSHR (1C8) mAb on Expi293 cells transfected with human TSHR (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).