

## TSHR

### Anti-Human TSHR / LGR3 (M22) mAb

<b>Catalog No.</b>	FHD18110A	<b>Quantity:</b>	50 µg
	FHD18110B		100 µg
	FHD18110C		1.0 mg

**Alternate Names:** Thyrotropin receptor, Thyroid-stimulating hormone receptor, TSH-R, M22

**Description:** TSH receptor (TSHR) autoantibody (TRAb) is the serological hallmark of Graves' disease. M22 is a human monoclonal autoantibody to the TSHR prepared using lymphocytes from a patient with Graves' disease. It has powerful thyroid stimulating and TSH binding inhibiting activity and binds to the TSHR with high affinity. The hyperthyroidism of Graves' disease is caused by TRAbs with stimulating (agonist) activity.

**UniProt ID (target):** P16473

**Target:** Human thyrotropin receptor

**Concentration:** 1.0 mg/ml, lot specific

**Source:** XtenCHO

**Isotype:** Human IgG1

**Formulation:** 0.01M PBS buffer, pH 7.4

**Purity:** > 95% by SDS-PAGE

**Purification:** Protein A/G affinity chromatography

**Applications:** Flow cytometry

**Storage & Stability:** Store at 2-8°C for up to 1 week, or in working aliquots at -20°C to -80°C for up to 1 year.  
**Avoid freeze/thaw cycles.**

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

