

TSHR

Mouse Anti-Human TSHR / LGR3 (M22) mAb

Catalog No.	FHD18150A	Quantity:	50 µg
	FHD18150B		100 µg
	FHD18150C		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 mouse mAb version of the autoantibody to 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: Mouse IgG2a

Formulation: 0.01M PBS buffer, pH 7.4

Purity: > 95% by SDS-PAGE

Purification: Protein A/G affinity chromatography

Applications: ELISA, 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.

