

RSR

SPECIFICATIONS

TSH RECEPTOR HUMAN MONOCLONAL AUTOANTIBODY – STIMULATING TYPE

RSR – TSHR hMAb K1-18™

Isotype /Light chain:	IgG 1 kappa
Expression system:	IgG purified from cell culture supernatant
Molecular weight:	150,000
Available forms:	Vials containing 1 mg (1 mL) IgG in PBS plus NaN ₃ (0.2 mg/mL)
Applications:	Suitable for use in receptor assays and bioassays
Storage:	-20°C or below
Order code:	K118/FR/1.0
Literature:	B Rees Smith et al, Horm Metab Res 2009 41 :448-455 TSH receptor – Autoantibody interactions M Evans et al, Clin Endocrinol 2010 73 :404-412 Monoclonal autoantibodies to the TSH receptor, one with stimulating activity and one with blocking activity, obtained from the same blood sample
Patents:	Several patents apply to commercial applications of K1-18™ including: U.S. Patent No. 9,073,992 B2 Japanese Patent Nos. 5784504 and 5978360 Chinese Patent No. ZL 200980152452.9 European Patent Nos. EP 2617734 B1 and EP 2367850 B1

RSR Limited

Diagnosics for Autoimmunity

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