

RSR

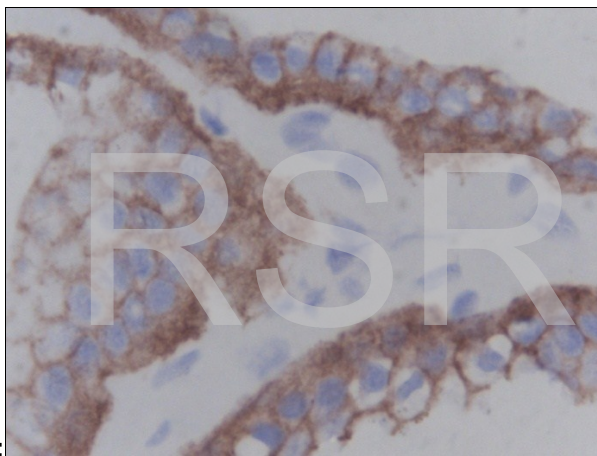
SPECIFICATIONS

TSH RECEPTOR HUMAN MONOCLONAL AUTOANTIBODY - BLOCKING TYPE

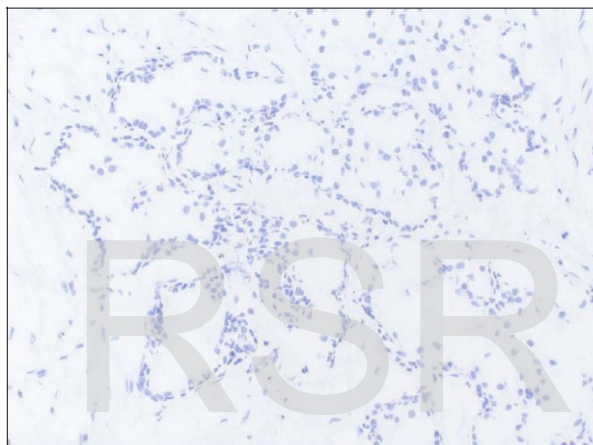
RSR – TSHR hMAb K1-70™

Isotype /Light chain:	IgG 1 lambda
Expression system:	IgG purified from cell culture supernatant
Molecular weight:	150,000
Available forms:	Vials containing 10 µg IgG freeze-dried with 2.5 mg of bovine serum albumin
Applications:	Suitable for use in receptor assays, bioassays and immunohistochemistry
Storage:	-20°C or below
Order code:	K170/FD/0.01
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 P Sanders et al, J of Mol Endocrinol 2011 46 :81-99 Crystal structure of the TSH receptor (TSHR) bound to a blocking-type TSHR autoantibody
Patents:	Several patents apply to commercial applications of K1-70™ 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

Immunohistochemistry:



Human thyroid x100
Stained with biotinylated K1-70™
(1.25µg/mL)



Human prostate x20
Stained with biotinylated K1-70™
(1.25µg/mL)

RSR Limited

Diagnostics for Autoimmunity

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