

Mouse THYROID STIMULATING HORMONE RECEPTOR Monoclonal Antibody | anti-TSHR antibody

MOUSE ANTI HUMAN THYROID STIMULATING HORMONE RECEPTOR

CATALOG #	HOST	APPLICATIONS
AAA49277	Mouse	Western Blot, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry

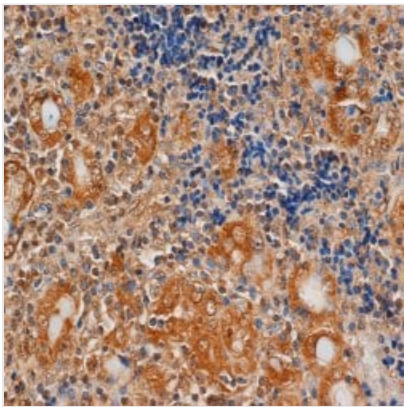
PRODUCT SYNONYMS

THYROID STIMULATING HORMONE RECEPTOR; Monoclonal Antibody; MOUSE ANTI HUMAN THYROID STIMULATING HORMONE RECEPTOR; anti-TSHR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4C1
Specificity	Thyroid Stimulating Hormone Receptor
Form/Format	Purified IgG - liquid Phosphate buffered saline
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	274
Applicable Applications for anti-TSHR antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Fusion Partners	Spleen cells from immunized BALB/c mice were fused with cells of the NS1/Ag4.1 myeloma cell line.
Immunogen	External domain of human TSH receptor.
Preparation and Storage	It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

IMAGES



Application Data
Staining of paraffin embedded human thyroid with Mouse anti Human TSH receptor

ADDITIONAL INFORMATION

Related Product Information for anti-TSHR antibody	Mouse anti Human thyroid stimulating hormone receptor, clone 4C1 recognizes the human thyroid stimulating hormone receptor (hTSHR), otherwise known as the thyrotropin receptor. Mouse anti Human thyroid stimulating hormone receptor, clone 4C1 binds to an extracellular domain of hTSHR.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	64085121
NCBI GeneID	7253
NCBI Accession #	NP_000360.2
NCBI GenBank Nucleotide #	NM_000369.2
UniProt Accession #	P16473; Q16503; Q8TB90; Q96GT6; Q9P1V4; Q9ULA3; Q9UPH3; A0PJU7; F5GYU5; G3V2A9
NCBI Official Full Name	thyrotropin receptor isoform 1
NCBI Official Synonym Full Names	thyroid stimulating hormone receptor
NCBI Official Symbol	TSHR
NCBI Official Synonym Symbols	LGR3; CHNG1; hTSHR-I
NCBI Protein Information	thyrotropin receptor; seven transmembrane helix receptor; thyroid stimulating hormone receptor, isoform 2; thyrotropin receptor-I, hTSHR-I
UniProt Protein Name	Thyrotropin receptor
UniProt Gene Name	TSHR
UniProt Synonym Gene Names	LGR3; TSH-R
UniProt Entry Name	TSHR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.