

TSHR recombinant antibody

TSHR Recombinant Monoclonal Antibody

CATALOG # AAA279348	HOST HEK293F Cell	REACTIVITY Human	APPLICATIONS ELISA
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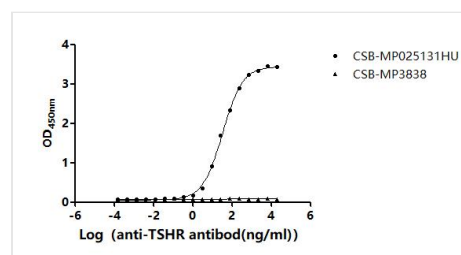
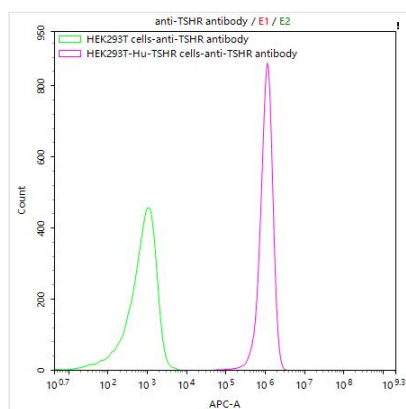
PRODUCT SYNONYMS

TSHR; Monoclonal Recombinant Antibody; TSHR Recombinant Monoclonal Antibody; CHNG1 antibody; hTSHR I antibody; hTSHRI antibody; LGR 3 antibody; LGR3 antibody; MGC75129 antibody; Seven transmembrane helix receptor antibody; Thyroid adenoma hyperfunctioning antibody; Thyroid carcinoma with thyrotoxicosis antibody; Thyroid stimulating hormone receptor antibody; Thyroid stimulating hormone receptor; isoform 2 antibody; Thyroid-stimulating hormone receptor antibody; Thyrotropin receptor antibody; Thyrotropin receptor I antibody; Thyrotropin receptor I; TSH R antibody; TSH Receptor antibody; TSH-R antibody; TSHR antibody; TSHR_HUMAN antibody; TSHR recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	hIgG1
Clone Number	11A5
Purity/Purification	Affinity chromatography
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for TSHR recombinant antibody	ELISA
Antigen Species	Human
Immunogen	Recombinant Human TSHR protein
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



Activity

The Binding Activity of Human TSHR with Anti-TSHR Recombinant Antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human TSHR at 10ug/mL can bind Anti-TSHR recombinant antibody. The EC50 is 30.81-36.12ng/mL. The VLPs is negative control.

FCM/FACS (Flow Cytometry)

Untransfected HEK293T cells (green line) and transfected Human TSHR HEK293T stable cells (red line) were stained with anti-TSHR antibody (AAA279348) (2ug/1*10⁶cells), washed and then followed by APC-conjugated anti-Human IgG FCM/FACS antibody and analyzed with flow cytometry.

ADDITIONAL INFORMATION

Product Categories/Family for TSHR recombinant antibody	Neuroscience, Signal transduction
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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
Molecular Weight	86,830 Da
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; thyrotropin receptor-I, hTSHR-I; seven transmembrane helix receptor; thyroid stimulating hormone receptor, isoform 2
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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/tshr-recombinant-antibody-clone-11a5-elisa/279348>