

TSHR/LGR3 Monoclonal Antibody | anti-TSHR/LGR3 antibody

Anti-Human TSHR/LGR3 Antibody (M22)

CATALOG # AAA120166	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

TSHR/LGR3; Monoclonal Antibody; Anti-Human TSHR/LGR3 Antibody (M22); Thyroid-stimulating hormone receptor; TSH-R; TSHR; Thyrotropin receptor; LGR3; anti-TSHR/LGR3 antibody

PRODUCT SPECIFICATIONS

Clonality	Monoclonal
Isotype	IgG1
Clone Number	M22
Purity/Purification	>95%; Protein A or G purified.
Form/Format	Liquid. 0.01M PBS, pH7.4
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TSHR/LGR3 antibody	FCM/FACS (Flow Cytometry)
Species Reactivity	Human
Host Species	Human
Conjugation	Unconjugated
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human TSHR antibody. TSHR Transfected CHO cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human TSHR antibody monoclonal antibody (Catalog # AAA120166, Green Histogram) at a concentration of 5 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # Please inquire) and cells analysed on a NovoCyte Flow Cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti- human TSHR antibody. Human Jurkat cell line were stained with an irrelevant antibody (Green Histogram) or an antihuman TSHR antibody monoclonal antibody (Catalog # AAA120166, Red Histogram) at a concentration of 20 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # Please inquire) and cells analysed on a NovoCyte Flow Cytometer.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TSHR/LGR3 antibody	Super-Affinity Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	64085121
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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; 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://stage.aaabiotech.com/monoclonal/tshr-lgr3-antibody-clone-m22-flow-cytometry-elisa/120166>