

# Anti-Human TSHR/LGR3 Antibody (K1-70)

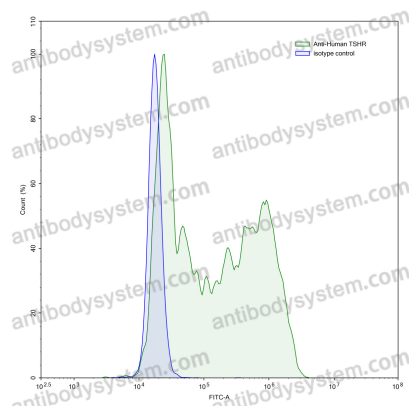
## Summary

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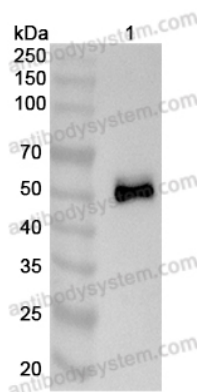
<b>Catalog No.</b>	FHD18120
<b>Clone ID</b>	K1-70
<b>Host species</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Species reactivity</b>	Human
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4.
<b>Concentration</b>	2.49 mg/ml
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a, lambda
<b>Applications</b>	Blocking, ELISA, FCM, WB
<b>Target</b>	Thyroid-stimulating hormone receptor, TSH-R, TSHR, Thyrotropin receptor, LGR3
<b>Purification</b>	Protein A/G purified from cell culture supernatant.
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Accession</b>	P16473
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

**Note**

For research use only.

**Data Image****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 # FHD18120 ,Green Histogram) at a concentration of 5  $\mu\text{g/ml}$  for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-mouse antibody (Catalog # PMB96441) and cells analysed on a NovoCyt Flow Cytometer.



Western Blot

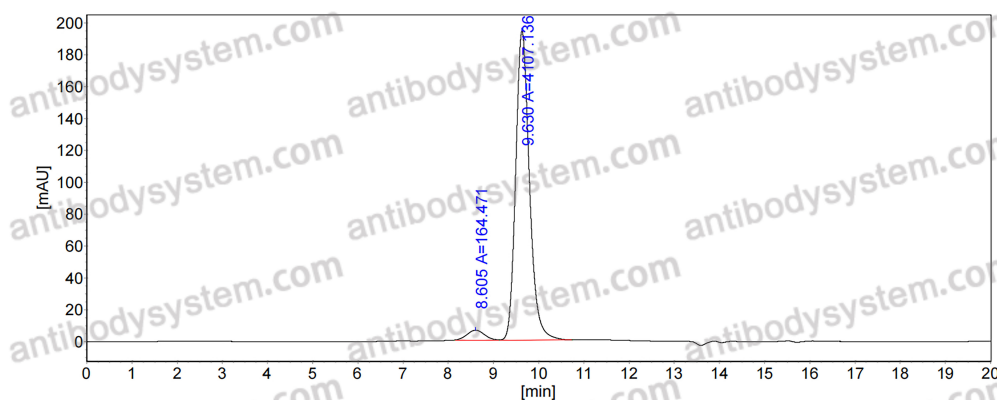
Various lysates were subjected to SDS PAGE followed by western blot with TSHR antibody (FHD18120) at 1 µg/ml.

Lane 1: Mouse ovary lysate

Second Ab: Goat Anti-Mouse IgG H&L Polyclonal antibody, HRP (PMB96431) at 0.1 µg/mL.

Predict MW: 29, 31, 87 kDa

Observed MW: 55 kDa



SEC-HPLC

The purity of this product is >95% as determined by SEC-HPLC.