

Anti-GUCY2C Antibody (4L52)

Product Details

Ig Type:	Human IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4L52
Purification:	Affinity-chromatography

Applications

Verified Activity:	<ol style="list-style-type: none">1. The Binding Activity of Human GUCY2C with Anti-GUCY2C recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human GUCY2C at 5 µg/mL can bind Anti-GUCY2C recombinant antibody, the EC50 is 5.630-9.996 ng/mL.2. T84 cells were stained with Human IgG (green line) and anti-GUCY2C antibody (red line) (2µg/1*10⁶ cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.3. Untransfected CT26 cells surface (green line) and transfected Human GUCY2C CT26 stable cells surface (red line) were stained with anti-GUCY2C antibody (2µg/1*10⁶ cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.
Application:	ELISA, FCM
Recommended	FCM:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human GUCY2C Protein
Antigen Species:	Human
Gene ID:	2984
Uniprot ID:	P25092
Synonyms:	GUC2C;GUC2CEC 4.6.1.2;STA receptor;GUCY2C;EC 4.6.1;Guanylyl cyclase C;DIAR6;MUCIL;GC-C;STAR;GCC
Biology Area:	Immunology

Research Background

Receptor for the E.coli heat-stable enterotoxin (E.coli enterotoxin markedly stimulates the accumulation of cGMP in mammalian cells expressing GC-C). Also activated by the endogenous peptides guanylin and uroguanylin.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481