

Anti-GUCY2C Antibody (7S256)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	7S256
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>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 3.049-4.660 ng/mL.</p> <p>2. T84 cells were stained with Mouse IgG2a (green line) and anti-GUCY2C antibody (red line) (2µg/1*10⁶ cells), washed and then followed by FITC-conjugated Goat Anti-Mouse IgG(H+L) antibody and analyzed with flow cytometry.</p> <p>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 Goat Anti-Mouse IgG(H+L) antibody and analyzed with flow cytometry.</p>
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:	GC-C;GCC;STA receptor;Guanylyl cyclase C;MUCIL;EC 4.6.1;GUC2C;STAR;DIAR6;GUCY2C;GUC2CEC 4.6.1.2
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

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