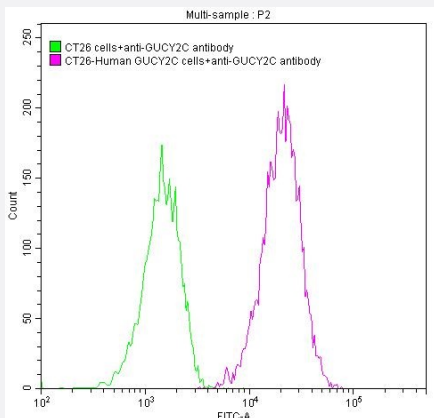


RecomAb™

GUCY2C recombinant monoclonal antibody, clone 2E5

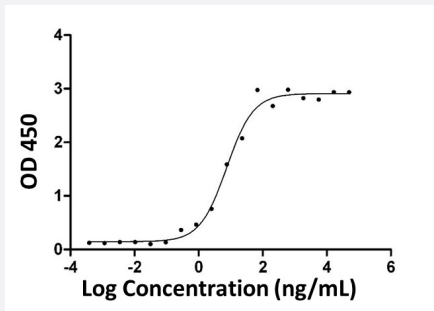
Catalog # RAB07555 Size 100 uL

Applications



Flow Cytometry

Flow cytometry analysis of untransfected CT26 cells (green line) and transfected human GUCY2C CT26 stable cells (red line) stained with GUCY2C recombinant monoclonal antibody, clone 2E5 (Cat # RAB07555) (2ug/1*10⁶cells). The cells were washed and then followed by FITC-conjugated anti-Human IgG Fc antibody.



The ELISA results show that the binding activity of human GUCY2C with GUCY2C recombinant monoclonal antibody, clone 2E5 (Cat # RAB07555). Immobilized human GUCY2C (CSB-MP010053HU) at 5 ug/mL can bind GUCY2C recombinant monoclonal antibody, clone 2E5 (Cat # RAB07555), the EC₅₀ is 5.630-9.996 ng/mL.

Specification

Product Description	Human recombinant monoclonal antibody raised against human GUCY2C.
Antibody Species	Human
Immunogen	Original antibody is raised against recombinant protein of human GUCY2C.
Reactivity	Human
Form	Liquid

Purification	Affinity chromatography purification
Isotype	IgG1
Quality Control Testing	Binding activity The ELISA results show that the binding activity of human GUCY2C with GUCY2C recombinant monoclonal antibody, clone 2E5 (Cat # RAB07555). Immobilized human GUCY2C (CSB-MP010053HU) at 5 ug/mL can bind GUCY2C recombinant monoclonal antibody, clone 2E5 (Cat # RAB07555), the EC ₅₀ is 5.630-9.996 ng/mL.
Recommend Usage	ELISA Flow Cytometry(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (0.03% Proclin 300 and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Flow cytometry analysis of untransfected CT26 cells (green line) and transfected human GUCY2C CT26 stable cells (red line) stained with GUCY2C recombinant monoclonal antibody, clone 2E5 (Cat # RAB07555)(2ug/1*10⁶cells). The cells were washed and then followed by FITC-conjugated anti-Human IgG Fc antibody.

Gene Info — GUCY2C

Entrez GeneID	2984
Protein Accession#	P25092
Gene Name	GUCY2C
Gene Alias	GUC2C, STAR
Gene Description	guanylate cyclase 2C (heat stable enterotoxin receptor)
Omim ID	601330
Gene Ontology	Hyperlink
Other Designations	guanylyl cyclase C

Pathway

- [Purine metabolism](#)