

Nur für Forschungszwecke

# GUCY2C Monoklonaler Antikörper

Katalog-Nr.:67782-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 67782-1-Ig	<b>GenBank-Zugangsnummer:</b> BC136544	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1000 µg/ml von2984 Nanodrop;	<b>GeneID (NCBI):</b> 2984	<b>CloneNo.:</b> 1F5F6
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> guanylate cyclase 2C (heat stable enterotoxin receptor)	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 1073 aa, 123 kDa	
<b>Immunogen Katalognummer:</b> AG19256	<b>Beobachtete Masse:</b> 130 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB,ELISA	<b>Positivkontrollen:</b> WB : Caco-2-Zellen, HaCaT-Zellen, HeLa-Zellen
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

GUCY2C is also named as GUC2C, STAR(Heat-stable enterotoxin receptor), Guanylyl cyclase C and belongs to the adenylyl cyclase class-4/guanylyl cyclase family. It is a receptor for the E.coli heat-stable enterotoxin and considered to be the true apical membrane receptor for the endogenous ligands uroguanylin and guanylin. GUCY2C is not present in the endocrine pancreas, but is localized exclusively to the ductal system which fully corresponds to the GUCY2C activity detected in the exocrine ductal system, but particularly not in islets of Langerhans. GUCY2C with a molecular mass of 130 kDa is detected in pancreatic and intestinal extracts.(PMID:11431160). The full length protein is 123 kDa and has a signal peptide and nine glycosylation sites.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern.  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

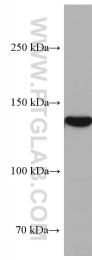
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## Ausgewählte Validierungsdaten



Caco-2 cells were subjected to SDS PAGE followed by western blot with 67782-1-Ig (GUCY2C antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.