

## Product datasheet for **TA370939**

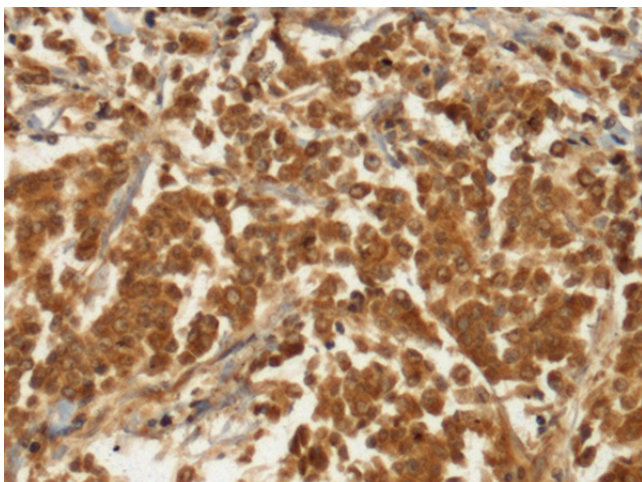
### **GUCY1B1 Rabbit Polyclonal Antibody**

#### **Product data:**

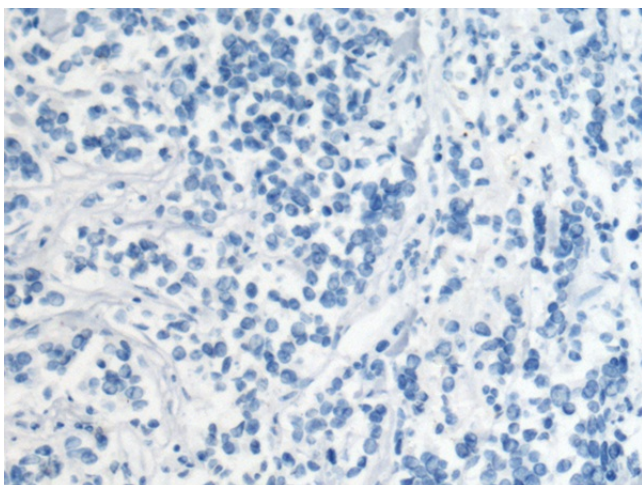
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC
<b>Recommended Dilution:</b>	IHC: 150-300 Positive control: Human breast cancer Predicted cell location: Cytoplasm
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Fusion protein of human GUCY1B1
<b>Formulation:</b>	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C.
<b>Stability:</b>	1 year
<b>Gene Name:</b>	guanylate cyclase 1, soluble, beta 3
<b>Database Link:</b>	<a href="#">Entrez Gene 2983 Human Q02153</a>
<b>Background:</b>	This gene encodes the beta subunit of the soluble guanylate cyclase (sGC), which catalyzes the conversion of GTP (guanosine triphosphate) to cGMP (cyclic guanosine monophosphate). The encoded protein contains an HNOX domain, which serves as a receptor for ligands such as nitric oxide, oxygen and nitrovasodilator drugs. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]
<b>Synonyms:</b>	GC-S-beta-1; GC-SB3; GCS-beta-1; GCS-beta-3; GUC1B3; GUCB3; GUCSB3; GUCY1B1



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**Product images:**

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA370939 (GUCY1B1 Antibody) at dilution 1/110 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA370939 (GUCY1B1 Antibody) at dilution 1/110, treated with fusion protein. (Original magnification:  $\times 200$ )