

For Research Use Only

# GTDC1 Monoclonal antibody

Catalog Number: 66578-1-Ig



## Basic Information

<b>Catalog Number:</b> 66578-1-Ig	<b>GenBank Accession Number:</b> BC061699	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul, Concentration: 1400 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 79712	<b>CloneNo.:</b> 1C4C10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q4AE62	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:50-1:500 IF/ICC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> glycosyltransferase-like domain containing 1	
<b>Immunogen Catalog Number:</b> AG9934	<b>Calculated MW:</b> 292 aa, 34 kDa, 53 kDa	
	<b>Observed MW:</b> 53 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Species Specificity:**  
Human, pig

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** human cerebellum tissue, pig brain tissue, pig cerebellum tissue

**IHC:** human testis tissue,

**IF/ICC:** U2OS cells,

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

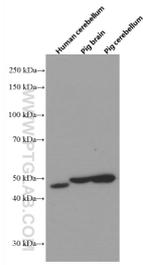
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

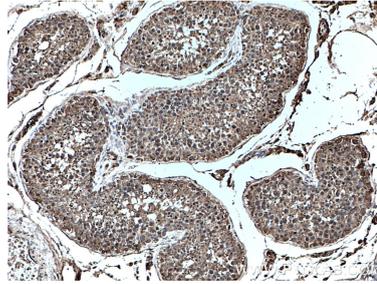
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

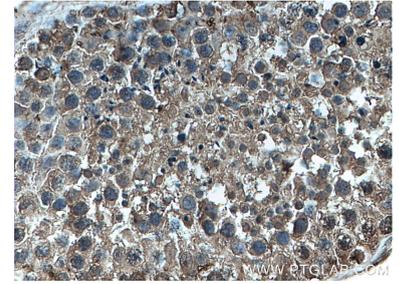
## Selected Validation Data



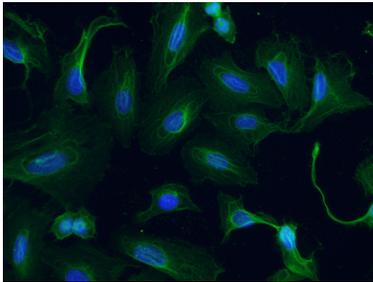
Various tissue were subjected to SDS PAGE followed by western blot with 66578-1-Ig (GTDC1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66578-1-Ig (GTDC1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66578-1-Ig (GTDC1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using 66578-1-Ig (GTDC1 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated Goat Anti-Mouse IgG(H+L).