

For Research Use Only

GTDC1 Monoclonal antibody

Catalog Number: 66578-1-Ig



Basic Information

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

Applications

Tested Applications:

IF, IHC, WB, 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: U2OS cells,

Background Information

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

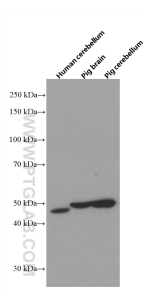
For technical support and original validation data for this product please contact:

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

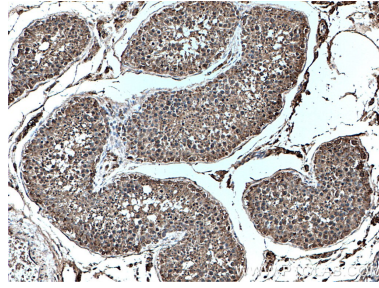
E: proteintech@ptglab.com
W: ptglab.com

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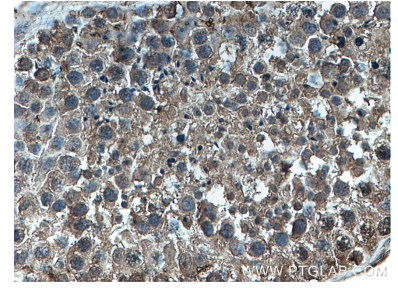
Selected Validation Data



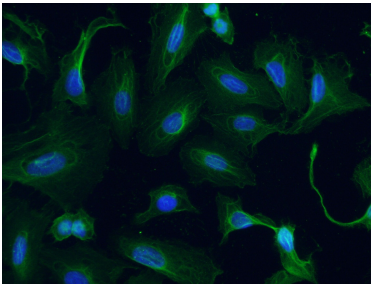
Various tissue were subjected to SDS PAGE followed by western blot with 66578-1-Ig (GTDC1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



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 AffiniPure Goat Anti-Mouse IgG(H+L).