

## Gp83 Antibody

Catalog No: #48372

Package Size: #48372-1 50ul #48372-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

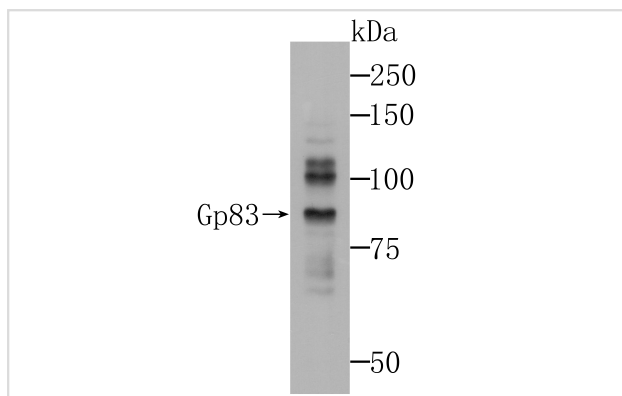
## Description

Product Name	Gp83 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	4D1
Purification	ProG affinity purified
Applications	WB,ICC,IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Accession No.	Swiss-Prot#:Q9H2U9
Uniprot	Q9H2U9
GeneID	8756;
Calculated MW	85 kDa
Formulation	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

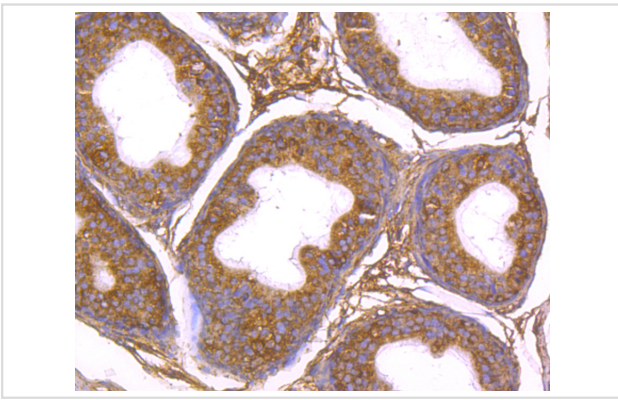
## Application Details

WB: 1:500-1:1,000IHC: 1:50-1:200ICC: 1:50-1:200

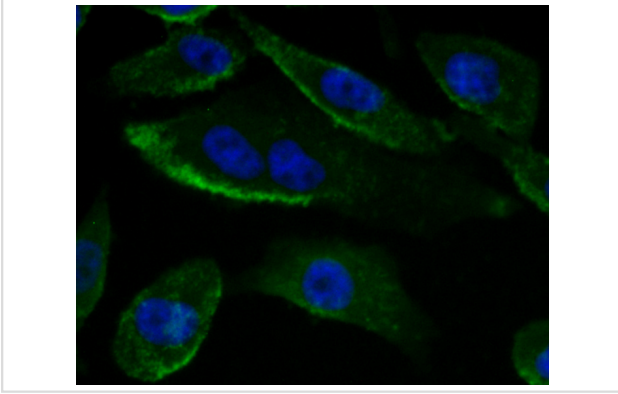
## Images



Western blot analysis of Gp83 on SH-SY-5Y cells lysates using anti-Gp83 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded rat epididymis tissue using anti-Gp83 antibody. Counter stained with hematoxylin.



ICC staining Gp83 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## Background

This gene encodes a member of the ADAMs family of zinc proteases. These transmembrane proteins play roles in multiple processes including cell signaling, adhesion and migration. The encoded protein lacks protease activity and may play roles in protein-protein interactions and cell adhesion processes including sperm-egg fusion. Mutations in this gene may be involved in the progression of melanoma. May play an important role in male reproduction including sperm maturation and gonadotrope function. This is a non catalytic metalloprotease-like protein.

## References

Note: This product is for in vitro research use only