

For Research Use Only

HSD3B2 Monoclonal antibody, PBS Only

Catalog Number: 67572-1-PBS



Basic Information

Catalog Number:

67572-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG4291

GenBank Accession Number:

BC038419

GeneID (NCBI):

3284

UNIPROT ID:

P26439

Full Name:

hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2

Calculated MW:

42 kDa

Observed MW:

42 kDa

Purification Method:

Protein A purification

CloneNo.:

2E7B4

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, pig

Background Information

HSD3B2(3-beta-hydroxy-Delta(5)-steroid dehydrogenase) belongs to the 3-beta-HSD family and catalyzes the oxidation and isomerization of delta-5-3-beta-hydroxysteroid precursors into delta-4-ketosteroids, thus leading to the formation of all classes of steroid hormones. HSD3B2 is expressed almost exclusively in adrenals and gonads, whereas HSD3B1 is expressed predominantly in placenta and skin(PMID:1682237). Defects in HSD3B2 are the cause of adrenal hyperplasia type 2 (AH2).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

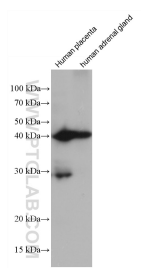
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

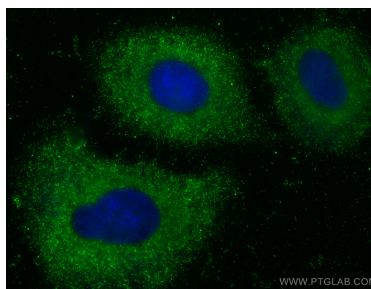
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67572-1-Ig (HSD3B2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67572-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using HSD3B2 antibody (67572-1-Ig, Clone: 2E7B4) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 67572-1-PBS in a different storage buffer formulation.