

For Research Use Only

HSD3B2 Monoclonal antibody, PBS Only

Catalog Number: 67572-1-PBS



Basic Information

Catalog Number: 67572-1-PBS	GenBank Accession Number: BC038419	Purification Method: Protein A purification
Size: 4225 ug/ml	GeneID (NCBI): 3284	CloneNo.: 2E7B4
Source: Mouse	UNIPROT ID: P26439	
Isotype: IgG1	Full Name: hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	
Immunogen Catalog Number: AG4291	Calculated MW: 42 kDa	
	Observed MW: 42 kDa	

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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

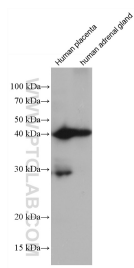
T: 4006900926

E: Proteintech-CN@ptglab.com

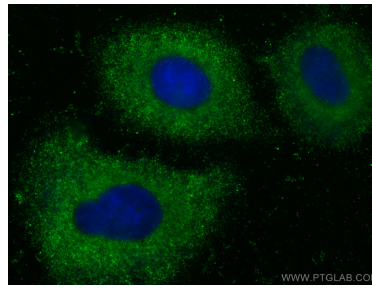
W: ptgcn.com

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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.