

For Research Use Only

Prostein Monoclonal antibody

Catalog Number: 60343-1-Ig



Basic Information

Catalog Number: 60343-1-Ig	GenBank Accession Number: BC050416	Purification Method: Protein A purification
Size: 1900 µg/ml	GeneID (NCBI): 85414	CloneNo.: 5E12E2
Source: Mouse	UNIPROT ID: Q96JT2	Recommended Dilutions: WB 1:1000-1:10000 IHC 1:500-1:2000 IF 1:200-1:800
Isotype: IgG2b	Full Name: solute carrier family 45, member 3	
Immunogen Catalog Number: AG5463	Calculated MW: 59 kDa	
	Observed MW: 55-59 kDa	

Applications

Tested Applications:

IF-P, IHC, WB, ELISA

Species Specificity:

human, mouse, rat

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 : rat testis tissue, DU 145 cells, JAR cells, mouse testis

IHC : human prostate cancer tissue,

IF : human prostate cancer tissue,

Background Information

Prostein is a prostate tissue-specific protein whose expression is highly restricted to normal and cancerous prostate tissues. Anti-prostein is useful for the identification of prostate adenocarcinomas and is a good marker to identify prostatic origin in metastatic cancer.

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

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

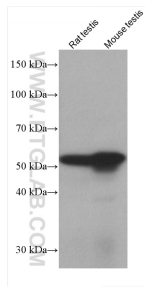
T: 4006900926

E: Proteintech-CN@ptglab.com

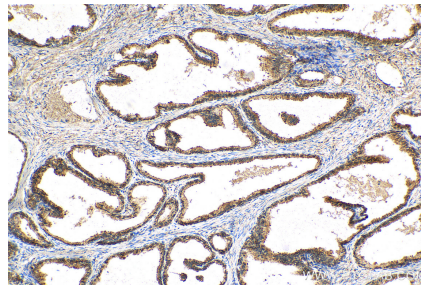
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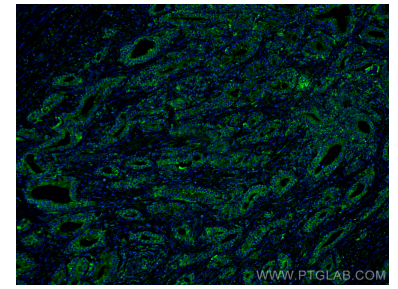
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60343-1-Ig (Prostein antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 60343-1-Ig (Prostein antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human prostate cancer tissue using Prostein antibody (60343-1-Ig, Clone: 5E12E2) at dilution of 1:400 and Coralite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).