

For Research Use Only

RASEF Monoclonal antibody

Catalog Number: 67159-1-Ig



Basic Information

Catalog Number: 67159-1-Ig	GenBank Accession Number: BC023566	Purification Method: Protein A purification
Size: 150ul , Concentration: 2000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 158158	CloneNo.: 1C2B2
Source: Mouse	Full Name: RAS and EF-hand domain containing	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:500-1:2000 IF 1:200-1:800
Isotype: IgG2a	Calculated MW: 740 aa, 83 kDa	
Immunogen Catalog Number: AG2149	Observed MW: 90 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

Human, mouse

**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 : LNCaP cells,

IHC : human prostate cancer tissue, human ovary
tumor tissue, human pancreas cancer tissue, mouse
pancreas tissue

IF : A431 cells,

Background Information

The RASEF (RAS and EF-hand domain-containing protein), a member of Rab GTPase protein family, contains a Rab GTPase domain in the C-terminal region, a coiled coil motif in an internal region as well as 2 EF hand domains which were of importance for binding to calcium ions in the N-terminus.

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

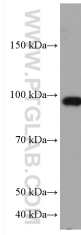
For technical support and original validation data for this product please contact:

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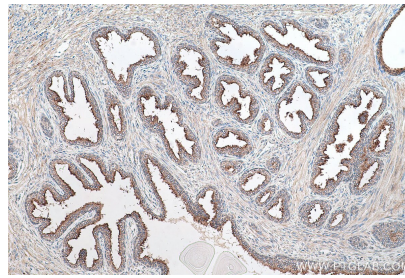
E: proteintech@ptglab.com
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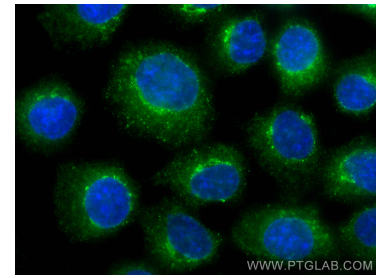
Selected Validation Data



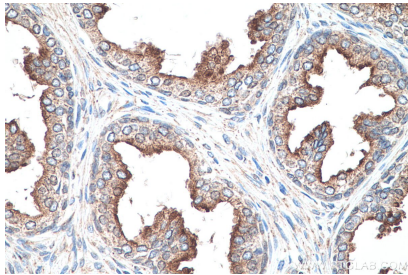
LNCaP cells were subjected to SDS PAGE followed by western blot with 67159-1-Ig (RASEF antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 67159-1-Ig (RASEF antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using RASEF antibody (67159-1-Ig, Clone: 1C2B2) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 67159-1-Ig (RASEF antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).