For Research Use Only

RILP Recombinant antibody

Catalog Number:82996-4-RR Featured Product

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Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
82996-4-RR

Size:
100ul , Concentration: 800 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG4472

GenBank Accession Number:
BC031621

GeneID (NCBI):
83547

UNIPROT ID:
Q96NA2

Full Name:
Rab interacting lysosomal protein

Calculated MW:
401 aa, 41 kDa

Observed MW:
50 kDa

Purification Method:
Protein A purification

CloneNo.:
230208G2

Recommended Dilutions:
WB 1:1000-1:4000
IHC 1:250-1:1000

Affinity:
K_D= 1.04 x 10^{-11}M
K_{Off}= 2.33 x 10^{-5}M
K_{On}= 2.05 x 10^{6}M

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human

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 : HeLa cells, HepG2 cells, MCF-7 cells

IHC : human ovarian cancer,

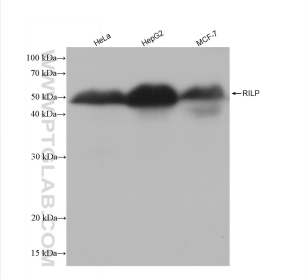
Storage

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

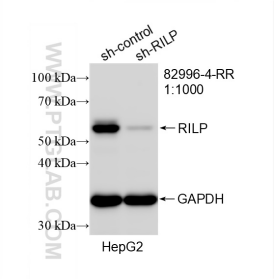
***** 20ul sizes contain 0.1% BSA**

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

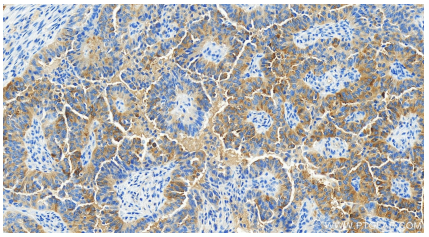
Selected Validation Data



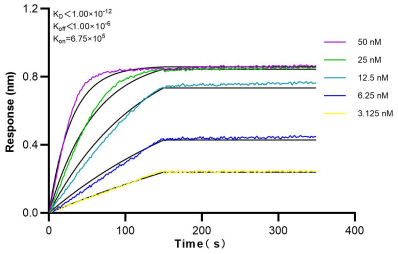
Various lysates were subjected to SDS PAGE followed by western blot with 82996-4-RR (RILP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



WB result of RILP antibody (82996-4-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RILP transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 82996-4-RR (RILP antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 82996-4-RR against Human IGFBP4 were performed. The affinity constant is below 1 pM.