

For Research Use Only

RILP Recombinant antibody

Catalog Number: 82996-4-RR

Featured Product



Basic Information

Catalog Number:

82996-4-RR

Size:

100ul, Concentration: 800 ug/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:

$K_D = 1.04 \times 10^{-11}M$

$K_{Off} = 2.33 \times 10^{-5}M$

$K_{On} = 2.05 \times 10^6M$

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

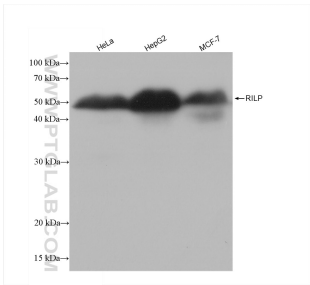
For technical support and original validation data for this product please contact:

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

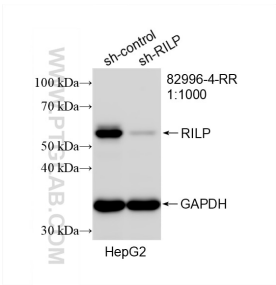
E: proteintech@ptglab.com
W: ptglab.com

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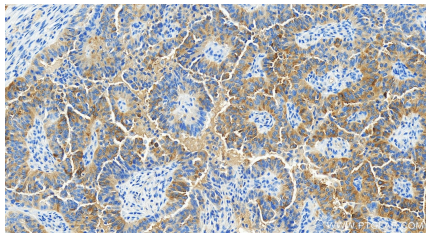
Selected Validation Data



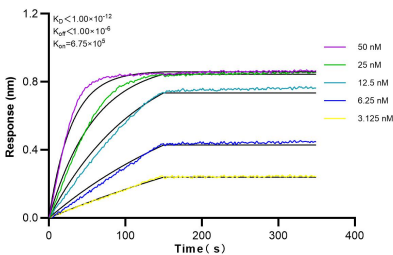
Various lysates were subjected to SDS PAGE followed by western blot with 82996-4-RR (RILP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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.