

For Research Use Only

KIF15 Recombinant antibody

Catalog Number: 82903-1-RR

Featured Product



Basic Information

Catalog Number:

82903-1-RR

Size:

100ul, Concentration: 1000 ug/ml by

Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33897

GenBank Accession Number:

NM_020242

GeneID (NCBI):

56992

UNIPROT ID:

Q9NS87

Full Name:

kinesin family member 15

Calculated MW:

160 kDa

Observed MW:

160 kDa

Purification Method:

Protein A purification

CloneNo.:

230049F1

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:50-1:500

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 : HEK-293 cells, HeLa cells, HepG2 cells, K-562 cells

IHC : human intrahepatic cholangiocarcinoma tissue,

Background Information

KIF15, also named as KLP2 and KNSL7, belongs to the kinesin-like protein family and KLP2 subfamily. It is a plus-end directed kinesin-like motor enzyme which involved in mitotic spindle assembly. Several isoforms of KIF15 exist due to the alternative splicing, with molecular weight between 130-160 kDa. Sometimes higher molecular weight around 200 kDa can also be observed, which may be a modified variant of KIF15. (14618103)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

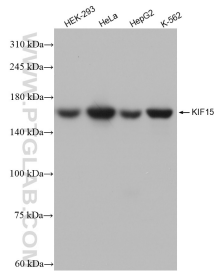
For technical support and original validation data for this product please contact:

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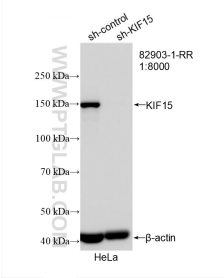
E: proteintech@ptglab.com
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Selected Validation Data

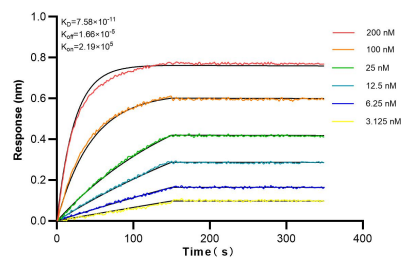


Various lysates were subjected to SDS PAGE followed by western blot with 82903-1-RR (KIF15 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of KIF15 antibody (82903-1-RR; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-KIF15 transfected HeLa cells.

Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 82903-1-RR (KIF15 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 82903-1-RR against Human KIF15 were performed. The affinity constant is 75.8 pM.