

For Research Use Only

RPS4X Recombinant antibody

Catalog Number: 85040-5-RR



Basic Information

Catalog Number:

85040-5-RR

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6513

GenBank Accession Number:

BC000472

GeneID (NCBI):

6191

UNIPROT ID:

P62701

Full Name:

ribosomal protein S4, X-linked

Calculated MW:

263 aa, 30 kDa

Observed MW:

28-30 kDa

Purification Method:

Protein A purification

CloneNo.:

242697E12

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HT-29 cells, HepG2 cells, HeLa cells, MCF-7 cells, mouse spleen tissue, mouse brain tissue, rat liver tissue

IF/ICC : MCF-7 cells,

Background Information

RPS4X, a X-linked gene in the human, encodes a subunit of ribosomal protein S4, a component of the 40S subunit and 60S subunit. Ribosomal protein S4 is the only ribosomal protein known to be encoded by more than one gene, namely this gene, RPS4Y2 and the ribosomal protein S4, X-linked (RPS4X). (PMID:8358435)

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

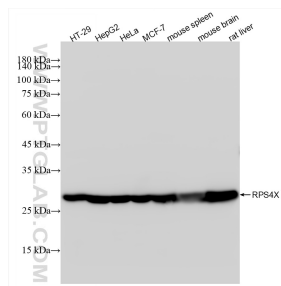
For technical support and original validation data for this product please contact:

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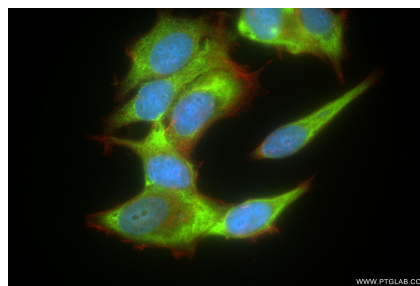
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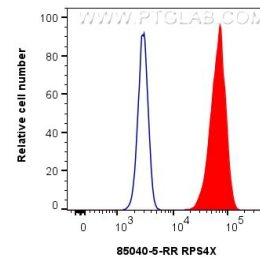
Selected Validation Data



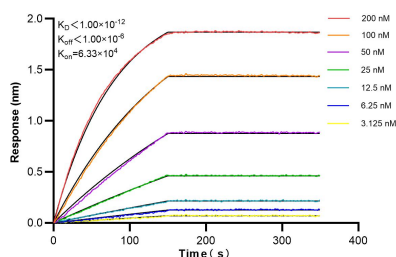
Various lysates were subjected to SDS PAGE followed by western blot with 85040-5-RR (SCAR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using SCAR antibody (85040-5-RR, Clone: 242697E12) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug RPS4X Recombinant antibody (85040-5-RR, Clone: 242697E12) and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 85040-5-RR against Human RPS4X were performed. The affinity constant is below 1 pM.