

For Research Use Only

CNKSR2 Recombinant antibody

Catalog Number: 83354-3-RR



Basic Information

Catalog Number:

83354-3-RR

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21174

GenBank Accession Number:

BC126121

GeneID (NCBI):

22866

UNIPROT ID:

Q8WXL2

Full Name:

connector enhancer of kinase
suppressor of Ras 2

Calculated MW:

1034 aa, 118 kDa

Observed MW:

118 kDa, 102 kDa

Purification Method:

Protein A purification

CloneNo.:

240350D6

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : A549 cells, Jurkat cells, MDA-MB-231 cells, U-251
cells, mouse brain tissue, U-87 MG cells, SK-BR-3 cells

Background Information

CNKSR2 is a multidomain protein that functions as a scaffold protein to mediate the mitogen-activated protein kinase pathways downstream from Ras. This gene product is induced by vitamin D and inhibits apoptosis in certain cancer cells. It may also play a role in ternary complex assembly of synaptic proteins at the postsynaptic membrane and coupling of signal transduction to membrane/cytoskeletal remodeling.

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

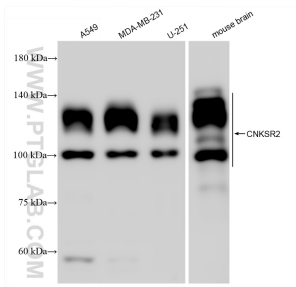
For technical support and original validation data for this product please contact:

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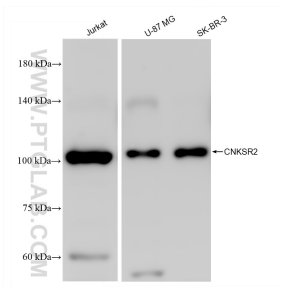
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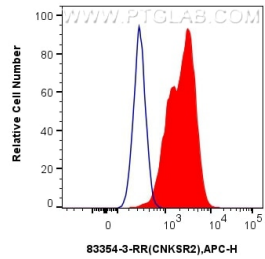
Selected Validation Data



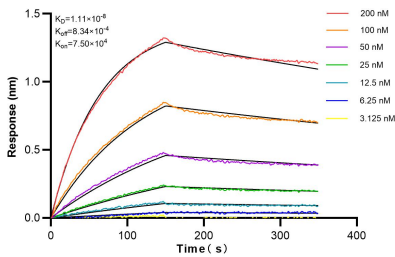
Various lysates were subjected to SDS PAGE followed by western blot with 83354-3-RR (CNKSR2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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1x10⁶ Jurkat cells were intracellularly stained with 0.25 ug CNKSR2 Recombinant antibody (83354-3-RR, Clone:240350D6) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83354-3-RR against Human CNKSR2 were performed. The affinity constant is 11.1 nM.