

For Research Use Only

INSR Recombinant antibody

Catalog Number: 84467-2-RR



Basic Information

Catalog Number: 84467-2-RR	GenBank Accession Number: BC117172	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3643	CloneNo.: 241687H7
Source: Rabbit	UNIPROT ID: P06213	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG	Full Name: INSR	
	Observed MW: 95 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, HEK-293T cells
Species Specificity: human	

Background Information

The biological effects of INS are mediated by a membrane-spanning cell surface receptor that has been shown to consist of disulfide-linked alpha-subunits (135 kDa) and beta-subunits (95 kDa) that are cleaved products of a common precursor. The binding of INS to the receptor extracellular domain results in intracellular activation of a tyrosine-specific kinase activity and the generation of signals that determine the cellular response (PMID: 2369896).

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

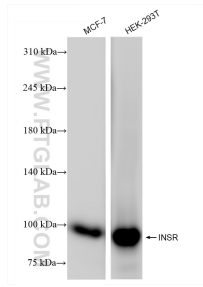
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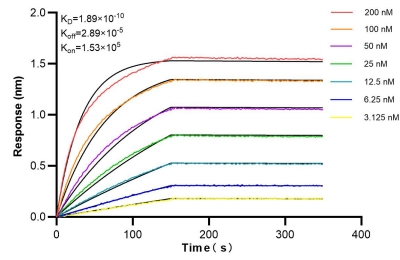
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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 84467-2-RR (INSR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84467-2-RR against Human INSR were performed. The affinity constant is 0.189 nM.