

For Research Use Only

INVS Recombinant antibody

Catalog Number: 85768-2-RR



Basic Information

Catalog Number:	85768-2-RR	GenBank Accession Number:	BC006370	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI):	27130	CloneNo.:	250038E2
Source:	Rabbit	UNIPROT ID:	Q9Y283	Recommended Dilutions:	WB 1:1000-1:4000
Isotype:	IgG	Full Name:	inversin		
Immunogen Catalog Number:	AG0934	Calculated MW:	118 kDa, 100 kDa		
		Observed MW:	100 kDa		

Applications

Tested Applications:	WB, ELISA	Positive Controls:	WB : Jurkat cells, SH-SY5Y cells, K-562 cells
Species Specificity:	human		

Background Information

INVS, short for inversin, plays a role in primary cilia function and involvement in the cell cycle. It is required for normal renal development and establishment of the left-right axis. INVS may be involved in Wnt signaling pathways by acting as a molecular switch between different them. Inhibits the canonical Wnt pathway by targeting cytoplasmic disheveled (DVL1) for degradation by the ubiquitin-proteasome. This suggests that it is required in renal development to oppose the repression of terminal differentiation of tubular epithelial cells by Wnt signaling.

Storage

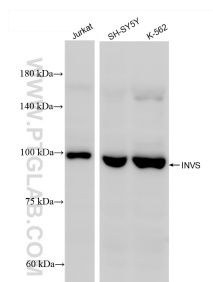
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

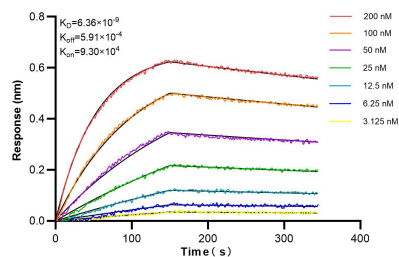
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85768-2-RR (INVS antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85768-2-RR against Human INVS were performed. The affinity constant is 6.36 nM.