

For Research Use Only

KIF15 Recombinant antibody, PBS Only

Catalog Number: 82903-1-PBS



Basic Information

Catalog Number: 82903-1-PBS	GenBank Accession Number: NM_020242	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 56992	CloneNo.: 230049F1
Source: Rabbit	UNIPROT ID: Q9NS87	
Isotype: IgG	Full Name: kinesin family member 15	
Immunogen Catalog Number: AG33897	Calculated MW: 160 kDa	
	Observed MW: 160 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

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

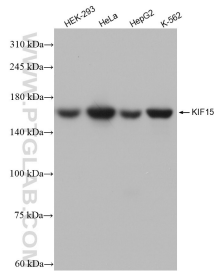
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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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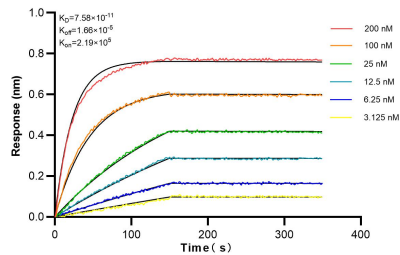
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82903-1-RR (KIF15 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82903-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 82903-1-PBS in a different storage buffer formulation.



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