

For Research Use Only

ARMC4 Recombinant antibody, PBS Only

Catalog Number: 84004-3-PBS



Basic Information

Catalog Number: 84004-3-PBS	GenBank Accession Number: BC140846	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55130	CloneNo.: 241122G4
Source: Rabbit	UNIPROT ID: Q5T2S8	
Isotype: IgG	Full Name: armadillo repeat containing 4	
Immunogen Catalog Number: AG22340	Calculated MW: 1044 aa, 116 kDa	
	Observed MW: 116 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

ODAD2 contains ten Armadillo repeat motifs (ARMs) and one HEAT repeat, and is thought to be involved in ciliary and flagellar movement. This protein has been shown to localize to the ciliary axonemes and at the ciliary base of respiratory cells. Studies indicate that mutations in this gene cause partial outer dynein arm (ODA) defects in respiratory cilia. The cilia of cells with mutations in this gene displayed either reduced ciliary beat frequency and amplitude, or, complete immotility. Some individuals with primary ciliary dyskensia (PCD) have been shown to have mutations in this gene. PCD is characterized by chronic airway disease and left/right body asymmetry defects.

Storage

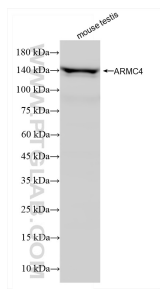
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

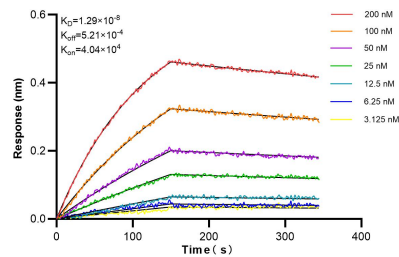
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Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 84004-3-RR (ARMC4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84004-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84004-3-RR against Human ARMC4 were performed. The affinity constant is 1.29 nM.