

For Research Use Only

# TEKT1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87530-1-PBS



## Basic Information

<b>Catalog Number:</b> 87530-1-PBS	<b>GenBank Accession Number:</b> BC014599	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 83659	<b>CloneNo.:</b> 252780E12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q969V4	
<b>Isotype:</b> IgG	<b>Full Name:</b> tektin 1	
<b>Immunogen Catalog Number:</b> AG5173	<b>Calculated MW:</b> 48 kDa	
	<b>Observed MW:</b> 48-50 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

TEKT1 belongs to the tektin family. Tektins comprise a family of filament-forming proteins that are coassembled with tubulins to form ciliary and flagellar microtubules. TEKT1 has 4 evolutionarily conserved cysteines and a tektin-specific peptide sequence. TEKT1 is predominantly expressed in the testis.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

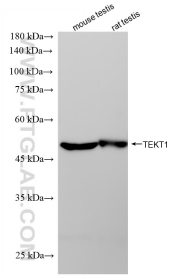
For technical support and original validation data for this product please contact:

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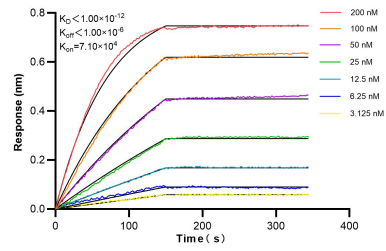
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87530-1-RR (TEKT1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87530-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87530-1-RR against Human TEKT1 were performed. The affinity constant is below 1 pM.