

For Research Use Only

# COMMD4 Recombinant antibody, PBS Only

Catalog Number: 84664-4-PBS



## Basic Information

<b>Catalog Number:</b> 84664-4-PBS	<b>GenBank Accession Number:</b> BC068998	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 54939	<b>CloneNo.:</b> 242175F4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H0A8	
<b>Isotype:</b> IgG	<b>Full Name:</b> COMM domain containing 4	
<b>Immunogen Catalog Number:</b> AG34904	<b>Observed MW:</b> 25 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
human, rat

## Background Information

COMMD4 is a protein-coding gene belonging to the COMMD family and is highly expressed in non-small cell lung cancer (NSCLC) and hepatocellular carcinoma (HCC) (PMID: 36249824). It has 3 isoforms and has been shown to control NF- $\kappa$ B activity and regulate the activity of cullin-RING E3 ubiquitin ligases (PMID: 32439936).

## Storage

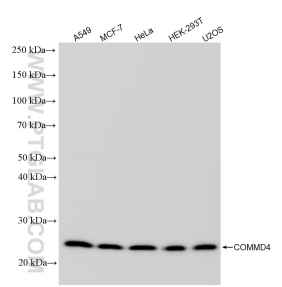
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

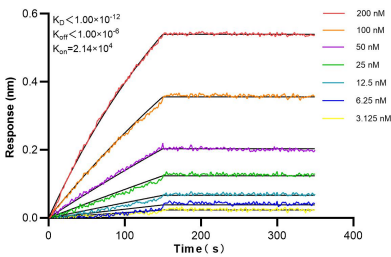
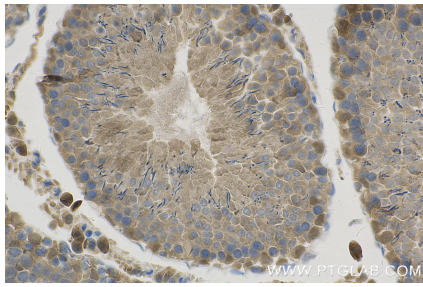
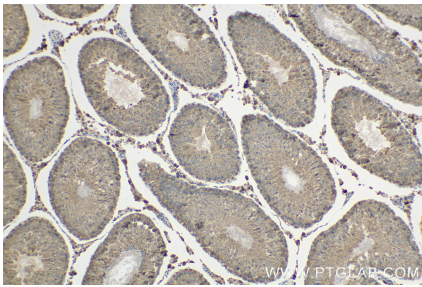
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84664-4-RR (COMMD4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84664-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84664-4-RR against Human COMMD4 were performed. The affinity constant is below 1 pM.