

For Research Use Only

# COMMD9 Recombinant antibody, PBS Only

Catalog Number: 84251-4-PBS



## Basic Information

<b>Catalog Number:</b> 84251-4-PBS	<b>GenBank Accession Number:</b> BC010892	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 29099	<b>CloneNo.:</b> 241505B4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9P000	
<b>Isotype:</b> IgG	<b>Full Name:</b> COMM domain containing 9	
<b>Immunogen Catalog Number:</b> AG35078	<b>Observed MW:</b> 22 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

COMMD9, also known as HSPC166, is a member of the COMMD family of proteins. The COMMD protein family is an evolutionarily conserved gene family that plays a role in a number of critical biological processes, including inflammation, copper homeostasis, sodium balance, endosomal sorting and cancer. COMMD9 has been shown to participate in TFDP1/E2F1 activation and to play a critical role in non-small cell lung cancer (PMID: 27871936)

## Storage

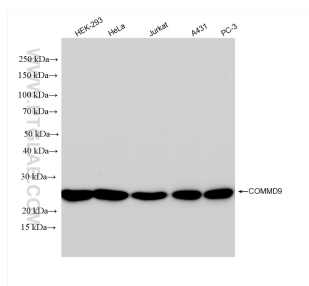
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

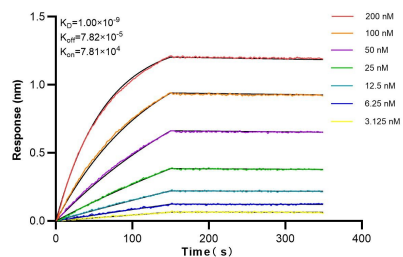
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84251-4-RR (COMMD9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84251-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84251-4-RR against Human COMMD9 were performed. The affinity constant is 1.00 nM.