

For Research Use Only

COMMD9 Recombinant antibody

Catalog Number: 84251-4-RR



Basic Information

Catalog Number:

84251-4-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35078

GenBank Accession Number:

BC010892

GeneID (NCBI):

29099

UNIPROT ID:

Q9P000

Full Name:

COMM domain containing 9

Observed MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

241505B4

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells, Jurkat cells, A431 cells, PC-3 cells

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

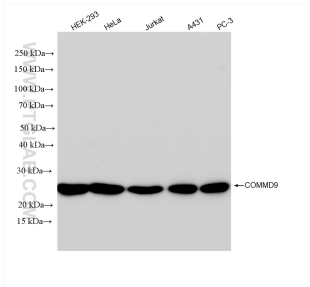
T: 4006900926

E: Proteintech-CN@ptglab.com

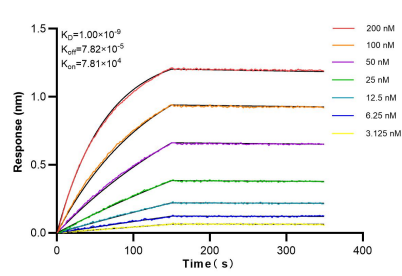
W: ptgcn.com

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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.



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