

For Research Use Only

COMMD4 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84664-3-PBS



Basic Information

Catalog Number: 84664-3-PBS	GenBank Accession Number: BC068998	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 54939	CloneNo.: 242175E4
Source: Rabbit	UNIPROT ID: Q9HOA8	
Isotype: IgG	Full Name: COMM domain containing 4	
Immunogen Catalog Number: AG34904	Observed MW: 22 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

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- κ B activity and regulate the activity of cullin-RING E3 ubiquitin ligases (PMID: 32439936).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

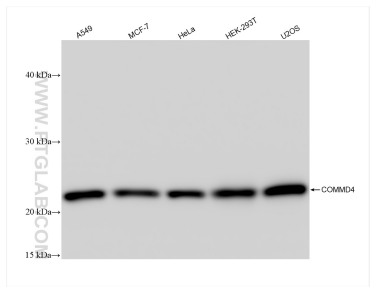
T: 4006900926

E: Proteintech-CN@ptglab.com

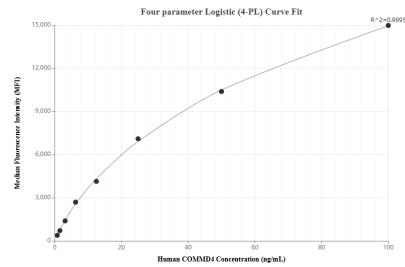
W: ptgcn.com

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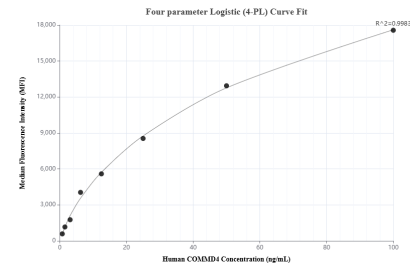
Selected Validation Data



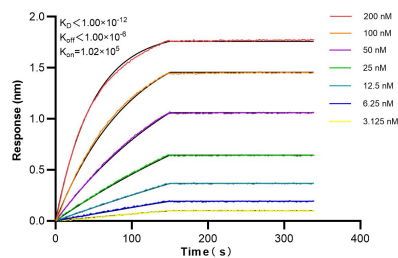
Various lysates were subjected to SDS PAGE followed by western blot with 84664-3-RR (COMMD4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84664-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01475-2, COMMD4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84664-3-PBS. Detection antibody: 84664-1-PBS. Standard: Ag34904. Range: 0.781-100 ng/mL.



Cytometric bead array standard curve of MP01475-1, COMMD4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84664-3-PBS. Detection antibody: 84664-2-PBS. Standard: Ag34904. Range: 0.781-100 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 84664-3-RR against Human COMMD4 were performed. The affinity constant is below 1 pM.