

For Research Use Only

MLL4 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84410-1-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84410-1-PBS	BC009337	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1 mg/ml	9757	241819A4
Source:	UNIPROT ID:	
Rabbit	Q9UMN6	
Isotype:	Full Name:	
IgG	myeloid/lymphoid or mixed-lineage leukemia 4	
Immunogen Catalog Number:	Observed MW:	
AG35385	294 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human, rat

Background Information

MLL4, also known as KMT2B, which is an essential subunit of the H3K4 methylation complexes, regulates cell type-specific transcriptional programs through enhancer activation. Taspase 1 mediates cleavage of the MLL protein, generating cleavage products.

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:

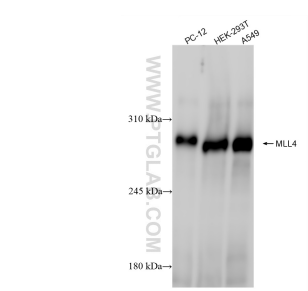
T: 4006900926

E: Proteintech-CN@ptglab.com

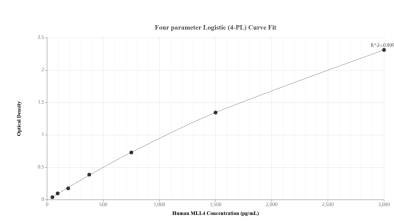
W: ptgcn.com

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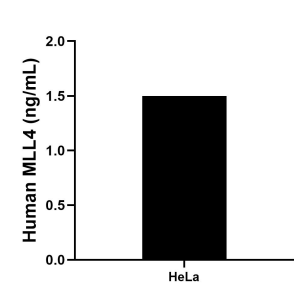
Selected Validation Data



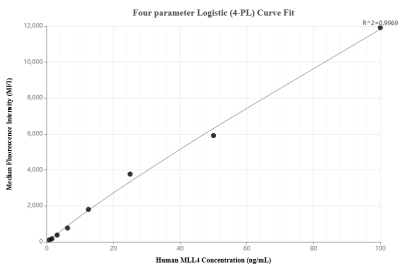
Various lysates were subjected to SDS PAGE followed by western blot with 84410-1-RR (MLL4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84410-1-PBS in a different storage buffer formulation.



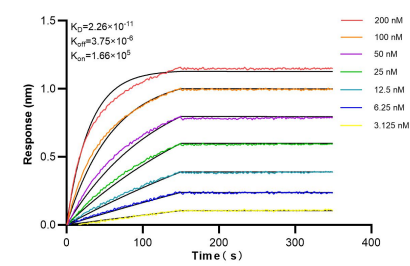
Sandwich ELISA standard curve of MP01298-1, Human MLL4 Recombinant Matched Antibody Pair - PBS only. 84410-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag35385. 84410-2-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL



The mean MLL4 concentration was determined to be 1.5 ng/mL in HeLa cell extract based on a 1.8 mg/mL extract load.



Cytometric bead array standard curve of MP01298-1, MLL4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84410-1-PBS. Detection antibody: 84410-2-PBS. Standard: Ag35385. Range: 0.781-100 ng/mL



Biolayer interferometry (BLI) kinetic assays of 84410-1-RR against Human MLL4 were performed. The affinity constant is 22.6 pM.