

For Research Use Only

# MLL4 Recombinant antibody

Catalog Number: 84410-3-RR



## Basic Information

<b>Catalog Number:</b> 84410-3-RR	<b>GenBank Accession Number:</b> BC009337	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9757	<b>CloneNo.:</b> 241819G9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UMN6	<b>Recommended Dilutions:</b> IHC 1:200-1:800 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> myeloid/Lymphoid or mixed-Lineage leukemia 4	
<b>Immunogen Catalog Number:</b> AG35385		

## Applications

<b>Tested Applications:</b> IHC, IF/ICC, ELISA	<b>Positive Controls:</b> IHC : human ovary cancer tissue, IF/ICC : U2OS cells,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

\*\*\* 20ul sizes contain 0.1% BSA

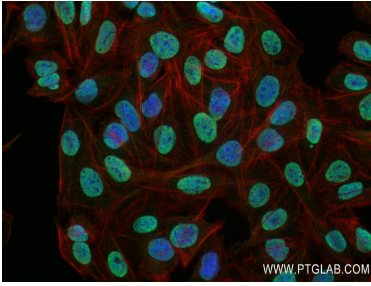
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

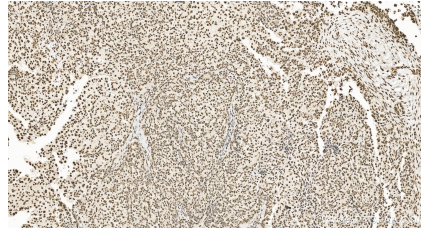
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

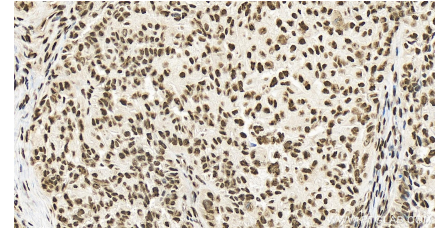
## Selected Validation Data



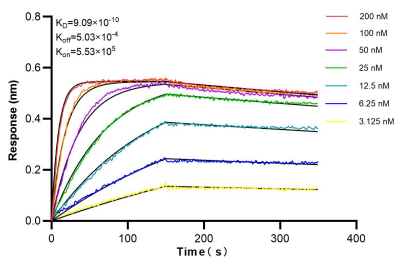
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using MLL4 antibody (84410-3-RR, Clone: 241819G9) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 84410-3-RR (MLL4 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 84410-3-RR (MLL4 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 84410-3-RR against Human MLL4 were performed. The affinity constant is 0.909 nM.