

For Research Use Only

# USP22 Monoclonal antibody

Catalog Number:60905-1-Ig



## Basic Information

<b>Catalog Number:</b> 60905-1-Ig	<b>GenBank Accession Number:</b> NM_015276	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23326	<b>CloneNo.:</b> 3D11H9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9UPT9	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Isotype:</b> IgG1	<b>Full Name:</b> ubiquitin specific peptidase 22	
<b>Immunogen Catalog Number:</b> AG34933	<b>Calculated MW:</b> 60 kDa	
	<b>Observed MW:</b> 58 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, LNCaP cells, HeLa cells
<b>Species Specificity:</b> human	

## Background Information

USP22, also named as KIAA1063 and USP3L, belongs to the peptidase C19 family and UBP8 subfamily. It is histone deubiquitinating component of the transcription regulatory histone acetylation (HAT) complex SAGA. USP22 catalyzes the deubiquitination of both histones H2A and H2B, thereby acting as a coactivator. It is recruited to specific gene promoters by activators such as MYC, where it is required for transcription. USP22 is required for nuclear receptor-mediated transactivation and cell cycle progression. USP22 has 2 isoforms with molecular mass of 58kDa and 60 kDa. The antibody is specific to USP22.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

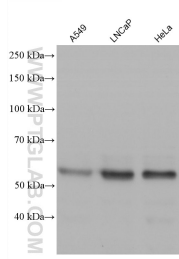
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60905-1-Ig (USP22 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.