

For Research Use Only

# MLX Monoclonal antibody

Catalog Number: 67042-1-Ig



## Basic Information

<b>Catalog Number:</b> 67042-1-Ig	<b>GenBank Accession Number:</b> BC010689	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 2200 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6945	<b>CloneNo.:</b> 2A8D2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9UH92	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:150-1:600 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> MAX-like protein X	
<b>Immunogen Catalog Number:</b> AG28729	<b>Calculated MW:</b> 298 aa, 33 kDa	
	<b>Observed MW:</b> 33 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human	<b>WB :</b> HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human breast cancer tissue, human liver cancer tissue
	<b>IF/ICC :</b> HepG2 cells,

## Storage

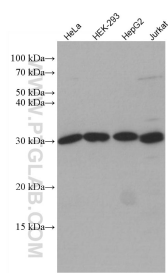
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

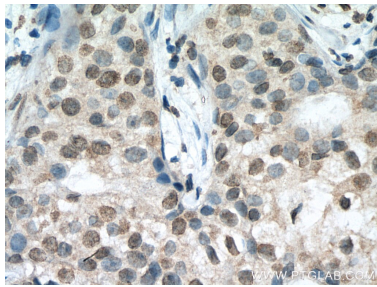
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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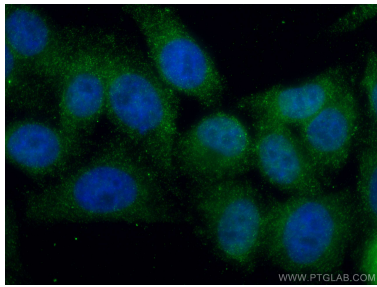
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67042-1-Ig (MLX antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67042-1-Ig (MLX antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MLX antibody (67042-1-Ig, Clone: 2A8D2 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). DAPI (blue).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MLX antibody (67042-1-Ig, Clone: 2A8D2 ) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).