

For Research Use Only

# MAST2 Polyclonal antibody

Catalog Number:33335-1-AP



## Basic Information

<b>Catalog Number:</b> 33335-1-AP	<b>GenBank Accession Number:</b> NM_015112.2	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 750 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23139	<b>Recommended Dilutions:</b> WB: 1:500-1:2000 IF/ICC: 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6P0Q8	
<b>Isotype:</b> IgG	<b>Full Name:</b> microtubule associated serine/threonine kinase 2	
<b>Immunogen Catalog Number:</b> AG35818	<b>Calculated MW:</b> 196kDa 1798aa	
	<b>Observed MW:</b> 196 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HEK-293 cells, HepG2 cells, Jurkat cells <b>IF/ICC :</b> U2OS cells, A431 cells

## Background Information

MAST2 is a microtubule-associated serine/threonine kinase, belonging to an evolutionarily conserved branch of AGC protein kinase superfamily. Since its discovery in 1993, it has been widely expressed in many tissues, including brain, heart, lung, liver, intestine and kidney. MAST2 is associated with many diseases, such as breast cancer, liver cancer, myeloma, inflammatory bowel disease, cystic fibrosis and various neurological diseases.

## 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

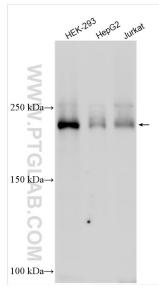
For technical support and original validation data for this product please contact:

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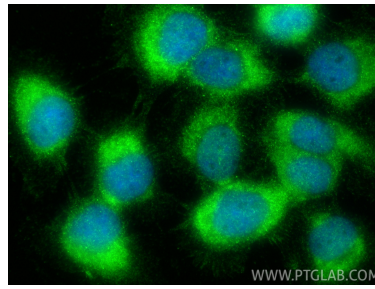
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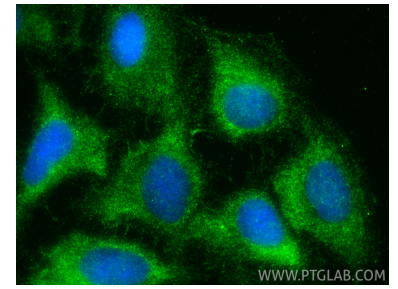
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33335-1-AP (MAST2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using MAST2 antibody (33335-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using MAST2 antibody (33335-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).