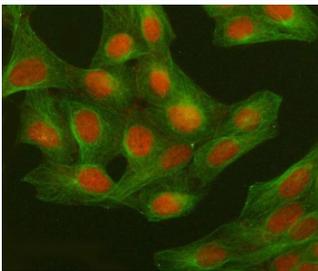


## GWL Antibody / Greatwall / MASTL (RQ7765)

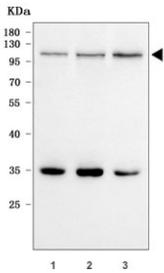
Catalog No.	Formulation	Size
RQ7765	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

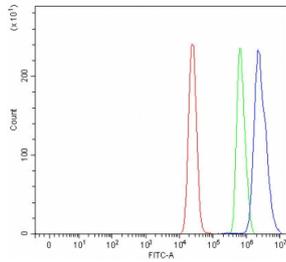
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q96GX5
<b>Localization</b>	Nuclear, cytoplasmic
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This GWL antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with GWL antibody (red) and Alpha Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HepG2, 2) 293T and 3) HeLa cell lysate with GWL antibody. Predicted molecular weight ~97 kDa but it is commonly observed at 105-115 kDa due to phosphorylation.



Flow cytometry testing of human MCF7 cells with GWL antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= GWL antibody.

## Description

This gene encodes a microtubule-associated serine/threonine kinase. Mutations at this locus have been associated with autosomal dominant thrombocytopenia, also known as thrombocytopenia-2. Alternatively spliced transcript variants have been described for this locus.

## Application Notes

Optimal dilution of the GWL antibody should be determined by the researcher.

## Immunogen

*E. coli*-derived recombinant human protein (amino acids K179-L872) was used as the immunogen for the GWL antibody.

## Storage

After reconstitution, the GWL antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.