



# MASTL rabbit pAb

Cat No.:ES7787

For research use only

## Overview

<b>Product Name</b>	MASTL rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized peptide derived from the C-terminal region of human MASTL.
<b>Specificity</b>	MASTL Polyclonal Antibody detects endogenous levels of MASTL protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Serine/threonine-protein kinase greatwall
<b>Gene Name</b>	MASTL
<b>Cellular localization</b>	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Nucleus . Cleavage furrow . During interphase is mainly nuclear, upon nuclear envelope breakdown localizes at the cytoplasm and during mitosis at the centrosomes. Upon mitotic exit moves to the cleavage furrow. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	100kD
<b>Human Gene ID</b>	84930
<b>Human Swiss-Prot Number</b>	Q96GX5
<b>Alternative Names</b>	MASTL; GW; GWL; THC2; Serine/threonine-protein kinase greatwall; GW; GWL; hGWL; Microtubule-associated serine/threonine-protein kinase-like; MAST-L





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### **Background**

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. [provided by RefSeq, Feb 2010],



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