

## MASTL Rabbit pAb

CatalogNo: YT2661

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 100kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**ELISA 1:40000**

**Not yet tested in other applications.**

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from the C-terminal region of human MASTL.

**Specificity** MASTL Polyclonal Antibody detects endogenous levels of MASTL protein.

### Target Information

**Gene name** MASTL

<b>Protein Name</b>	Serine/threonine-protein kinase greatwall		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">84930</a> ;	<a href="#">Q96GX5</a> ;
	Mouse	<a href="#">67121</a> ;	<a href="#">Q8C0P0</a> ;
<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>Tissue specificity</b>	Epithelium,Placenta,		
<b>Function</b>	Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,Disease:Defects in MASTL are the cause of thrombocytopenia type 2 (THC2) [MIM:188000]. Thrombocytopenia is defined by a decrease in the number of platelets in circulating blood, resulting in the potential for increased bleeding and decreased ability for clotting.,Function:Putative serine/threonine kinase which may be involved in megakaryocyte differentiation.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 protein kinase domain.,		

| Validation Data

| Contact information

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