

ARG45295 anti-GWL antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes GWL
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	GWL
Species	Human
Immunogen	Recombinant protein containing to human GWL.
Conjugation	Un-conjugated
Alternate Names	MASTL; Microtubule Associated Serine/Threonine Kinase Like; THC2; Gwl; Serine/Threonine-Protein Kinase Greatwall; Greatwall Kinase Homolog; FLJ14813; MAST-L; GW; Microtubule-Associated Serine/Threonine-Protein Kinase-Like; Microtubule Associated Serine/Threonine Kinase-Like; Greatwall Protein Kinase; EC 2.7.11.1; GREATWALL; HGWL; GWL

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	97 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

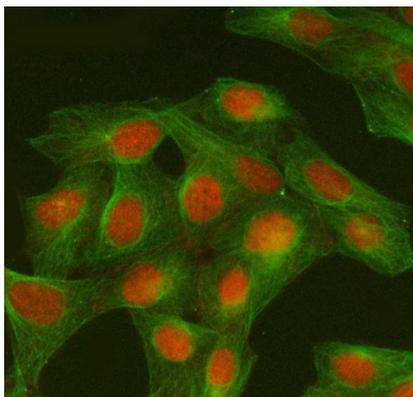
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

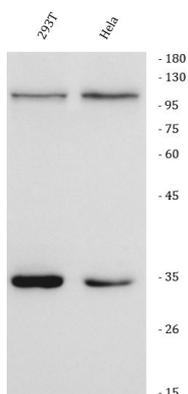
Gene Symbol	MASTL
Gene Full Name	Microtubule Associated Serine/Threonine Kinase Like
Background	This gene encodes a microtubule-associated serine/threonine kinase. Mutations at this locus have been associated with autosomal dominant thrombocytopenia, also known as thrombocytopenia-2. Alternatively spliced transcript variants have been described for this locus. [provided by RefSeq, Feb 2010]
Function	Serine/threonine kinase that plays a key role in M phase by acting as a regulator of mitosis entry and maintenance. [UniProt]
Calculated Mw	97 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm; Cytoskeleton; Nucleus. [UniProt]

Images



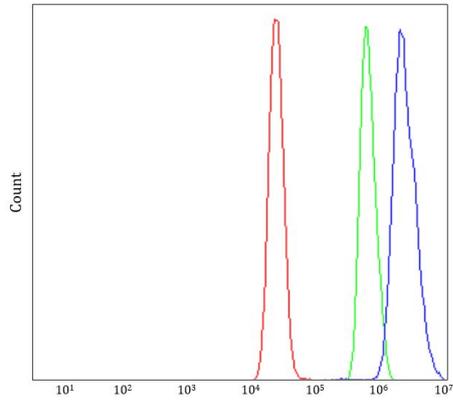
ARG45295 anti-GWL antibody ICC/IF image

Immunofluorescence: Y20S stained with ARG45295 anti-GWL antibody at 5 ug/ml dilution.



ARG45295 anti-GWL antibody WB image

Western blot: 293T and HeLa stained with ARG45295 anti-GWL antibody at 0.5 µg/ml dilution.



ARG45295 anti-GWL antibody FACS image

Flow Cytometry: MCF-7 stained with ARG45295 anti-GWL antibody at 1 µg/10⁶ cells dilution.