

Rabbit anti-Human MASTL Polyclonal Antibody | anti-MASTL antibody

MASTL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284981	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

MASTL; Polyclonal Antibody; MASTL Antibody; Serine/threonine-protein kinase greatwall; GW; GWL; hGWL; Microtubule-associated serine/threonine-protein kinase-like; MAST-L; THC2; anti-MASTL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MASTL antibody is generated from rabbits immunized with human partial MASTL recombinant protein.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	878
Applicable Applications for anti-MASTL antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

MASTL Antibody flow cytometric analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with MASTL Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of MASTL Antibody in HepG2, MDA-MB231, 293, Hela cell line lysates (35ug/lane). MASTL (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MASTL antibody	MASTL, microtubule associated serine/threonine kinase-like, contains 1 protein kinase domain which belongs to the Ser/Thr protein kinase family. It may be involved in megakaryocyte differentiation. Defects in MASTL are a cause of nonsyndromic autosomal
Product Categories/Family for anti-MASTL antibody	Signal Transduction
References	Gandhi, M.J., et al., Hum. Hered. 55(1):66-70 (2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	288806587
NCBI GeneID	84930
NCBI Accession #	NP_001165774.1 ; NP_001165775.1 ; NP_116233.2
NCBI GenBank Nucleotide #	NM_001172303.1
UniProt Accession #	Q96GX5 ; Q5T8D5 ; Q5T8D7 ; Q8NCD6 ; Q96SJ5
Molecular Weight	97319
NCBI Official Full Name	serine/threonine-protein kinase greatwall isoform 1
NCBI Official Synonym Full Names	microtubule associated serine/threonine kinase-like
NCBI Official Symbol	MASTL
NCBI Official Synonym Symbols	GW; GWL; THC2; hGWL; MAST-L; GREATWALL
NCBI Protein Information	serine/threonine-protein kinase greatwall
UniProt Protein Name	Serine/threonine-protein kinase greatwall
UniProt Gene Name	MASTL
UniProt Synonym Gene Names	GW; GWL; THC2; GW; GWL; hGWL; MAST-L
UniProt Entry Name	GWL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mastl-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284981>