Anti-Phospho-MLC-2-Thr17/S18 antibody (5-54 aa) (STJ91117)

STJ91117

GENERAL INFORMATION

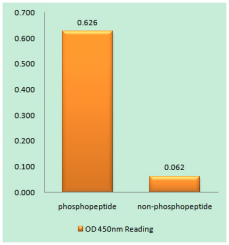
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Myosin regulatory light chain 12A and Myosin regulatory light chain 12B and Myosin regulatory light polypeptide 9-Thr17/S18 (5-54 aa) is suitable for use in Immunohistochemistry, Immunofluorescence and ELISA re
Applications	IHC/IF/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

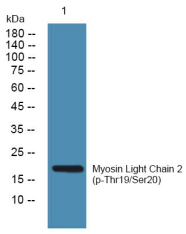
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution Range	WB 1:500-2000 IHC 1:100-1:300 ELISA 1:10000 IF 1:50-200
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

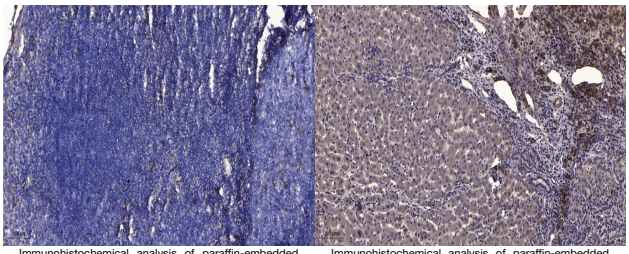
Gene ID	10627 103910/10627 10398<
Gene Symbol	MYL12A MYL12B ML12A_HUMAN ML12B_HUMAN MYL9_HUMAN<
Immunogen	The antiserum was produced against synthesized peptide derived from the human MLC-2 around the phosphorylation site of Thr17 and Ser18 at the amino acid range 5-54
Immunogen Region	5-54 aa
Specificity	Phospho-MLC-2 (T17/S18) Polyclonal Antibody detects endogenous levels of MLC-2 protein only when phosphorylated at T17/S18.
Immunogen Sequence	



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using MLC-2 (Phospho-Thr17+Ser18) Antibody



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4Â°C over night



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4Â°C overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min).

Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200 (4Â°C overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45min).

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