

Anti-PTEN antibody [1B8] (STJ98342)

STJ98342

GENERAL INFORMATION

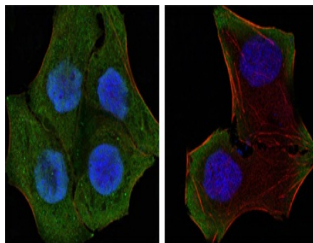
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Phosphatidylinositol 3-4-5-Trisphosphate 3-Phosphatase And Dual-Specificity Protein Phosphatase
Description	Pten is suitable for use in Western Blot, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applic
Applications	WB, IF, ICC, FC, ELISA
Host/Source	Mouse
Reactivity	Human, Mouse

PRODUCT PROPERTIES

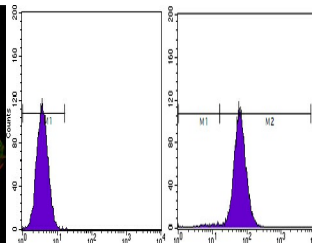
Clonality	Monoclonal
Clone ID	1B8
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

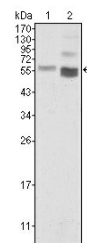
Gene ID	5728
Gene Symbol	PTEN
Uniprot ID	PTEN_HUMAN
Immunogen	Purified recombinant fragment of PTEN expressed in E.coli.
Immunogen Region	
Specificity	PTEN monoclonal antibody (Phosphatidylinositol 3-4-5-Trisphosphate 3-Phosphatase And Dual-Specificity Protein Phosphatase Pten) binds to endogenous Phosphatidylinositol 3-4-5-Trisphosphate 3-Phosphatase And Dual-Specificity Protein Phosphatase Pten.
Immunogen Sequence	



Confocal immunofluorescence analysis of HeLa (left) and HepG2 (right) cells using PTEN monoclonal antibody (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HeLa cells using PTEN monoclonal antibody (right) and negative control (left).



Western blot analysis using PTEN monoclonal antibody against HeLa (1) and NIH/3T3 (2) cell lysate.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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