

Anti- MYT1 (Phospho-Ser83) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100261-01	50 µl
A100261-02	100 µl

Specificity	Anti- MYT1 (Phospho-Ser83) (human)
Source	Rabbit Polyclonal
Application	ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q99640

Other Names: EC 2.7.11.1; kinase Myt1; Kinase MYT1; Membrane-associated tyrosine-and threonine-specific cdc2-inhibitory kinase; MYT1 kinase; Myt1 protein; PKMYT1; PMYT1

Specificity and Sensitivity

MYT1 (Phospho-Ser83) antibody detects endogenous levels of MYT1 only when phosphorylated at serine 83.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human MYT1 around the phosphorylation site of serine 83 (R-V-S^P-F-R). The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

IHC: 1:50~1:100 ELISA: 1:5000

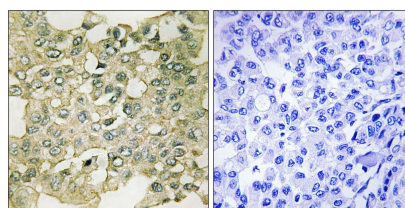
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

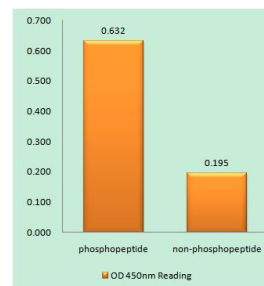
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using MYT1 (Phospho-Ser83) antibody.



MYT1 (Phospho-Ser83) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.