Anti-Human PIN (#9S2)

20150217ML

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	**101-M606**
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with recombinant human PIN.

Target Background

Synonyms (Target):	PIN1; DOD; UBL5

Pin1 is a peptidylprolyl isomerase (PPI) that targets phosphorylated Ser or Thr residues followed by a Pro (S/TP). Isomerization of phosphorylated Ser or Thr residues may alter protein confirmation and, subsequently, modify activity. Pin1 is overexpressed in many human breast cancers, and has been shown to modify numerous proteins including p53,NFκB, cJun, cyclin D1, and βcatenin.

Database References Target

Protein RefSeq:	NP_006212.1
Uniprot ID:	Q13526
mRNA RefSeq:	NM_006221.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#9S2)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	recombinant human PIN
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human PIN.

AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: Use at 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!