

Mouse Monoclonal anti Human PRAS40 (phospho-T246)

ORDERING INFORMATION

Catalog No:	hAP-1081
Size:	100µg
Storage:	<-20°C
Immunogen:	Phosphopeptide containing T246 of Human PRAS40
Ig Type:	Mouse IgG2
Clone:	MM1081-13Q21
Applications:	WB and ICC

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells) from a mouse immunized with Phosphopeptide containing T246 of Human PRAS40 (Proline-rich AKT1 substrate 1). PRAS40 is also called Akt1S1 and p39 and is a 40-42kDa cytoplasmic phosphoprotein that lacks generally recognized structural motifs.

Formulation and Storage: The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2um filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution: Reconstitute the antibody with 500ul sterile PBS and the final concentration is 200ug/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: This antibody recognizes human PRAS40 with phospho-T246 in direct ELISAs and WBs. It cross reacts with mouse and rat phospho-T246 in PRAS40 in WBs.

Applications:

1.	WB	Yes	1:1000-2000
2.	ICC	Yes	1:100-200

Final dilutions should be optimized by the end users and the dilutions provided in the data sheet are for reference only.

This Product is For Research Use Only