



Mouse Anti-PI(3,4,5)P3 monoclonal antibody (ascites), clone SD7G9 (DMABB-JX83)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody has been shown to recognize PtdIns(3,4,5)P3 in murine and human cells. Cross-reactivity is 1% or less with other phosphatidylinositol phosphates or lipids.
Immunogen	PtdIns(3,4,5)P3 conjugated to BSA
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Human, Mouse
Clone	SD7G9
Purification	Unpurified
Conjugate	Unconjugated
Applications	ELISA, IHC, IF/ICC Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Unpurified, ascites
Concentration	2.7 mg/ml
Size	100 µg, 200 µg, 500 µg
Buffer	0.01% thiomersal
Storage	Store at -20 °C or -80°C for long term. Avoid freeze/thaw cycles.

BACKGROUND

Introduction

PI(3,4,5)P₃ is generated by phosphorylation of PI(4,5)P₂ by PI3 kinases. Production of PI(3,4,5)P₃ at the plasma membrane is known to enhance association of PH-domain containing proteins which facilitates G-protein coupled receptor signaling cascades.

Keywords

Phosphatidylinositol; PIP₃; PI(3,4,5)P₃
