



Mouse Anti-PI(3,4,5)P3 monoclonal antibody, clone SD7G9 (DMABB-JX100)

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

PRODUCT INFORMATION

Specificity	This antibody reacts primarily with the head group of the indicated phosphoinositide and demonstrates low cross-reactivity with other phosphoinositides or phospholipids depending on the assay format.
Immunogen	PtdIns(3,4,5)P3 conjugated to BSA
Isotype	IgM
Source/Host	Mouse
Species Reactivity	N/A
Clone	SD7G9
Purification	Affinity purified
Conjugate	Unconjugated
Applications	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	Purified, Liquid
Concentration	Lot specific
Size	10 µg, 50 µg, 250 µg
Buffer	PBS, pH 7.4

Preservative	None
Storage	Store at -20 °C or -80°C for long term. Avoid freeze/thaw cycles.
Ship	Wet ice

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