



Mouse Anti-PI(3,5)P2 monoclonal antibody, clone Q(46)2-9-3 (DMABB-JX102)

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	Synthetic PI(3,5)P2 in liposome
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	N/A
Clone	Q(46)2-9-3
Purification	Affinity purified
Conjugate	Unconjugated
Applications	ELISA, IF 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	1.0 mg/mL
Size	50 µg, 250 µg
Buffer	PBS, pH 7.4

Preservative	None
Storage	Store at 4°C for short term. Store at -20 °C or below for long term. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Phosphoinositides (PIPs) are minor components of cellular membranes but are integral signaling molecules for cellular communication. Phosphatidylinositol 3,5-bisphosphate (PI(3,5)P ₂) has been shown to play a central role in a variety of cellular functions such as endosomal homeostasis.
Keywords	Phosphatidylinositol; PIP ₂ ; PI(3,5)P ₂ ; Phosphatidylinositol biphosphate; Phosphatidylinositol diphosphate; PIP 2;