

Monoclonal Antibody to Phosphatidylinositol (PI) 3-Kinase p85 alpha

Catalog No.:	DM3173
Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), SM20P (for use in rat samples), AM03095PU-N
Clone:	8-2D-4D
Immunogen:	Purified fragment (aa 333-430) of recombinant human PI-13-K p85 alpha subunit.
Applications:	Immunofluorescence. Recommended positive control: Jurkat or A431Cells. Western Blotting (not verified). Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The enzyme PI-3-K phosphorylates at the D-3 position of the inositol ring of PI, PI-4-phosphate, and PI-4,5-biphosphate (PI-4,5-P2) to produce their respective PI3-phosphorylated derivatives. Reacts with Human, Mouse, and Rat. Others not tested. Cellular Localization: cytoplasmic.
	Mol. Wt of Antigen: 85kD
Storage:	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.
General Readings:	1. Ward SG; et al. Immunology Today, 1996 Apr, 17(4):187-97. 2. Weber G; et al. Advances in Enzyme Regulation

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com