



DATA SHEET

Catalog Number	GTX18005
Product Name	Phosphatidylserine antibody [4B6]
Product Description	Mouse monoclonal [4B6] to Phosphatidylserine
Background	Phosphatidylserine, or PS, is a naturally occurring, phospholipid nutrient. PS is essential to the functioning of all the cells of the body, but is most concentrated in the brain. Its relative abundance in this organ reflects its proven involvement in an assortment of nerve cell functions, including nerve transmitter release and synaptic activity. Clinical studies have suggested that PS can support brain functions that tend to decline with age.
Host	Mouse
Clonality	Monoclonal
Clone No	4B6
Isotype	IgG
Immunogen	Liposomes containing 70% phosphatidylserine and 30% phosphatidylglycerol.
Species Reactivity	Human, Rat - Not yet tested in other species.
Tested Applications	Flow cytometry/FACS, IHC (Formalin-fixed paraffin-embedded sections). The usefulness of this product in other applications has not been determined.
Application Note	FACS: Use at a concentration of 0.2-2 µg/ml. IHC-P: Use at an assay dependent dilution (fixed with acetone/ethanol). Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.
Positive Controls	Rat carotid artery (IHC-P) Jurkat cells treated with Fas Ligand vesicles (FACS)
Target	Phosphatidylserine
Cellular Localization	Cell membrane
Form Supplied	Liquid
Concentration	1 mg/ml
Purification	Protein G purified
Storage Buffer	Preservative: 0.05% Sodium Azide. Constituents: 30% Glycerol, 0.15M Sodium chloride, 0.1M Tris glycine. pH 7.4

Storage Instruction ■ Keep as concentrated solution. Store at 4°C short term. For extended storage aliquot and store at -20°C or below. Avoid freeze-thaw cycles

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