

STREPTAVIDIN R-Phycoerytherin (R-PE)

Catalog No.	MSA1004	Quantity:	0.5 ml
Description:	Streptavidin binds to biotin with high affinity (10^{-15} M). When conjugated to fluorochromes, streptavidin is a potent second step reagent used to detect primary, biotinylated antibodies.		
Formulation:	0.5 ml Streptavidin R-PE conjugated in 2 times concentrated PBS with 150 µg Streptavidin and 0.1% sodium azide. EIA-grade BSA has been added to bring the final protein concentration to 4mg/ml. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	The conjugate is tested by flow cytometry.		
Application Notes:	Every lot is tested by flow cytometry using biotinylated primary antibodies. From this testing it is recommended that between 0.05 and 0.2 ug of streptavidin be used per 1×10^6 cells in a 100 ul staining volume. Because conditions may vary, each investigator should determine the optimal amount of streptavidin to be used for each application. The excitation wavelength of R-PE is 488 nm. The peak emission is at 575 nm.		
Storage & Stability:	R-PE conjugate must be stored in the dark at 2-8°C...NEVER STORE FROZEN		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

