

Rat Anti-Conjugated Thioctic Acid pAb

Catalog No.	PA2110	Quantity:	100 µl
Alternate Names:	Thioctic Acid or Lipoic Acid		
Target:	Conjugated Lipoic acid		
Purity:	Previously pre-absorbed on protein carriers, and ammonium sulphate purified.		
Host:	Rat		
Immunogen:	Synthetic Lipoic acid conjugated to bovine serum albumin (BSA)		
Isotype:	IgG		
Specificity:	Using a conjugate Lipoic acid-BSA, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:		

Compounds	Cross-reactivity ratio (a)
Lipoic acid-BSA	1
L-Cysteine-BSA	1/>50,000
Glutathion-BSA	1/>50,000

(a): Lipoic acid-BSA concentration/ conjugated close structure concentration at half displacement. BSA = Bovine Serum Albumin

Formulation:	Lyophilized
Storage & Stability:	Lyophilized vial must be stored at 4°C in a dry area. After reconstitution with 50 µl of distilled water and 50 µl of glycerol, the aliquot can be stored at -20°C, and is stable at least 2 years.
Research Areas:	Biochemistry, diabetic neuropathy and aging
Notes:	The optimal concentration should be determined by the user for each specific application.

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