

Melatonin antibody

Cat. No. GTX13226

Host	Rat
Clonality	Polyclonal
Isotype	IgG
Applications	ELISA
Reactivity	Species independent

Package

50 µl

PRODUCT

Summary

Compounds	Affinity compared to 5-Methoxytryptamine-SA-BSA
5-Methoxytryptamine-SA-BSA	1
Free Melatonin	130 Times
Tryptamine-SA-BSA	20,000 Times
5-Hydroxytryptamine-SA-BSA	>50,000 Times
DL 5-Methoxytryptophan-SA-BSA	>50,000 Times

Applications

Application Note

Optimal dilutions should be determined by each laboratory for each application

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic 5-Methoxytryptamine succinic anhydride (SA) conjugated to Protein Carriers (PC).
Purification	previously preabsorbed on protein carriers, and ammonium sulphate purified



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Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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