

Caffeine antibody [1.BB.877]

Cat. No. GTX15221

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	ELISA, RIA
Reactivity	Species independent

Package
500 µg

PRODUCT

Summary	Compounds	Cross reactivity (%)
	Caffeine	100
	Xanthine	<0.05
	Theophylline	11.4
	Uric Acid	<0.05
	Theobromine	2.1
	1-Methyluric Acid	<0.05
	3-Methylxanthine	0.4
	8-Methylxanthine	<0.05
	1, 7-Dimethylxanthine	0.3
	7-Methylxanthine	<0.05
	8-Chlorotheophylline	0.3
	1-Methylxanthine	<0.05

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ELISA	Assay dependent
RIA	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS
Preservative	0.09% Sodium azide
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.)



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Immunogen	Caffeine-3-KLH
Purification	Protein A purified
Conjugation	Unconjugated
Note	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>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.</p>



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