

Caffeine antibody [1.BB.878]

Cat. No. GTX15223

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	EIA, RIA
Reactivity	Species independent

Package
500 µg

PRODUCT

Summary	Compounds	Cross reactivity (%)
	Caffeine	100
	1,7 Dimethylxanthine	27
	Theophylline	3
	8 Chlorotheophylline	0.5
	Theobromine	2.7
	7 Methylxanthine	0.2
	3 Methylxanthine	0.04
	Xanthine	<0.04
	Uric Acid	<0.01
	1 Methyluric Acid	<0.01
	8 methylanthine	<0.04

Applications

Application Note

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

Suggested dilution	Recommended dilution
EIA	Assay dependent
RIA	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS
Preservative	0.02% 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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