

Anti-Conjugated Spermine



Product Information Sheet
1047GE

SUMMARY

shipped on blue ice; store at -20 °C

For research use only.

Not for use in diagnostic or therapeutic procedures.

Description

Polyclonal antisera were raised in rabbits after immunization with the conjugates: Spermine-glutaric anhydride-carriers.

Contents: The antibody is supplied in a unit size of 50 µl in PBS with 50% glycerol.

Storage and Handling

When this product is stored undiluted at -20 °C or lower, it is stable for at least 2 years. Multiple freezing and thawing is only possible up to 5 times. The antibodies can be prediluted 10x in PBS containing 0.1% merthiolate or a mixture of PBS/glycerol (1:1, vol./vol.). At 4 °C these solutions are stable for 2 months.

Specificity

Using a conjugate Spermine-Glutaric Anhydride-protein, antibody specificity was determined in an ELISA test by competition experiments with the following compounds:

Compound	Cross-reactivity ratio ^(a)
Spermine-GA-BSA	1
Spermidine-GA-BSA	1 : 3
Diamino Pentane-G-BSA	1 : > 700
Ornithine-GA-BSA	1 : > 500

(a): Spermine-GA-BSA concentration / concentration of unconjugated or conjugated polyamine at half displacement ;

G = Glutaraldehyde, GA = Glutaric Anhydride, BSA = Bovine Serum Albumine

Recommended dilution

The anti-conjugated Spermine antibodies can be diluted 1:2,000 to 1:5,000.

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Order Information, Shipping and Storage

Order#	Product	Quantity
1047GE	Anti-Conjugated Spermine	50 µl
shipped on blue ice; store at -20 °C		

Contact and Support

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