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POLYCLONAL ANTI-CONJUGATED NO-ACETYL SALICYLIC ACID ANTIBODIES (rat)

Data Sheet

*Code number : **AP081***

Description
Polyclonal antisera were raised in rats after immunisation with the conjugates : NO-Acetyl salicylic acid-Glutaraldehyde-Carriers.

Specificity
Using a conjugate NO-Acetyl salicylic acid-Glutaraldehyde-Protein, antibody specificity was performed with an ELISA test by competition experiments with the following compounds.

Compound	*Cross-reactivity ratio* (a)
NO-Acetyl salicylic acid-G-BSA	1
NO-Cysteine-G-BSA	1/>100 000
NO-5HT-G-BSA	1/>100 000
NO-Tryptophan-G-BSA	1/>100 000
NO-Tyrosine-G-BSA	1/>100 000
NO-Histidine-G-BSA	1/>100 000

(a) : NO-Acetyl salicylic acid-G-BSA concentration/unconjugated or conjugated close-related compounds concentration at half displacement.
G = Glutaraldehyde, BSA = Bovine Serum Albumin.

Recommended dilution
The anti-conjugated NO-Acetyl salicylic acid antibodies can be diluted between 1/2,000-1/5,000.

Storage and handling
Antisera were aliquoted (100µl) and stored at -20°C or lower. They are stable at least 2 years. Each aliquot can be defreezed and refreezed up to 5 times. It can be prediluted 10X in PBS containing 0.1% merthiolate or a mixture PBS/glycerol (vol/vol). These solutions were stable at +4°C for 2 months.
Lyophilized antisera are stable at least 1 year. Antisera could be reconstituted with 100µl pure water when the solution is completely used. For a storage at +4°C, use pure water with 0.1% merthiolate. This solution is stable at +4°C for 2 months. For a storage at -20°C, a mixture of water /glycerol (vol./vol.) is preferred.

Corresponding antigen
Gemac sells the corresponding antigen:
NO-Acetyl salicylic acid conjugate (code number: AG081)

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