

# Anti-Conjugated Tetrodotoxin

Product Information Sheet  
# 1073GE



## 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 conjugate: Tetrodotoxin-glutaraldehyde-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 Tetrodotoxin-glutaraldehyde protein, antibody specificity was determined in an ELISA test by competition experiments with the following compounds:

| Compound           | Cross-reactivity ratio <sup>(a)</sup> |
|--------------------|---------------------------------------|
| Tetrodotoxin-G-BSA | 1                                     |
| Tetrodotoxin       | 1 : ≥ 100,000                         |

(a): Tetrodotoxin-G-BSA concentration / concentration of unconjugated or conjugated Tetrodotoxin at half displacement;  
G = Glutaraldehyde, BSA = Bovine Serum Albumine

## Recommended dilution

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

## References

Geffard M. *et al.*, Mol. Immunol. 21 (1984) 515-522.  
Geffard, M. *et al.*, J. Neurochem. 44 (1985) 1221-1228.

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## Order Information, Shipping and Storage

| Order#                               | Product                      | Quantity |
|--------------------------------------|------------------------------|----------|
| 1073GE                               | Anti-Conjugated Tetrodotoxin | 50 µl    |
| shipped on blue ice; store at -20 °C |                              |          |

## Contact and Support

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### Customer Service – General inquiries & orders Technical Service – Product information

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