



COSMO BIO Co., LTD.  
Inspiration for Life Science

## monoclonal antibody for Hot Start PCR anti-Taq high

Code No. TYB-TCP-101

Lot No. \*\*\*\*\*

Storage Store at -20°C

Size 100 µl (101)  
( for 500 units of Taq DNA polymerase)  
10 µl (101S)  
( for 50 units of Taq DNA polymerase)

Source : mouse hybridoma

Concentration : 1.0 mg/ml

Storage Buffer : 10 mM Tris-HCl(pH7.0 at 25°C)  
50 mM KCl  
50 % Glycerol

10× PCR Buffer : 100 mM Tris-HCl (pH8.3 at 25°C)  
15 mM MgCl<sub>2</sub>  
500 mM KCl

### Quality Control

1. Inhibition Activity : When 1.0 µg of this antibody were added to 5 unit of rTaq DNA polymerase,  
\*\*\* % of DNA polymerase activity was suppressed at 40°C.

2. Mouse Genomic DNA Contamination : No visible band of 250 bp mouse L1 repeat DNA was observed after 40 cycles of PCR using 10 µg of this antibody.



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