

# monoclonal antibody for Hot Start PCR anti-Taq high

Code No. TCP-101

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

Size 100  $\mu$ L  
( for 500 units of Taq DNA polymerase)

Source : mouse hybridoma

Concentration : 1 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  $\mu$ g of this antibody was added to 5 units of rTaq DNA polymerase, greater than 95% 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  $\mu$ g of this antibody.

