

PRODUCT SPECIFICATION

Name Taq DNA Polymerase Monoclonal Antibody
(Taq-ase mAb)

Code HM180A-1180A

RECEIVER INFORMATION

Storage Temperature 2-8 °C (up to 1 Week), below -20°C (up to 2 Years)

Storage Notes Avoid repeat freeze thaw cycles

PRODUCT INFORMATION

Description A highly purified neutralization monoclonal antibody to Taq DNA Polymerase.

Specificity Enhances the specificity and sensitivity of PCR, No contamination of mouse genomic DNA examined by PCR

Application This product provides an antibody-mediated hot start PCR to enhance the specificity and sensitivity of PCR. This antibody inhibits polymerase activity before the onset of thermal cycling, preventing primer dimer formation and non-specific amplification.

Clone 1180A

Activity definition Anti-Taq DNA Polymerase Monoclonal Antibody is mixed with Taq DNA Polymerase, After 25°C and 10 min temperature bath, the amount of Anti-Taq DNA Polymerase Antibody that inhibits more than 95% of 1 U of Taq DNA Polymerase activity at 45°C and 10 min is defined as 1 U.

Isotype IgG2b

Purification Protein G

Host /Source Mouse

Presentation Single homogenous batch, 10 mM Tris-HCl, 50 mM KCl, 50% glycerol, pH7.0

Important Note Centrifuge if the product has precipitation, the precipitation does not affect the quality of products.

HEALTH AND SAFETY

Warning For in-vitro use and research or further processing only.