

Taq Polymerase Recombinant Antibody | Taq recombinant antibody

Mouse anti-Taq Polymerase Recombinant Monoclonal Antibody [TP7]

CATALOG # AAA213680	HOST Mouse
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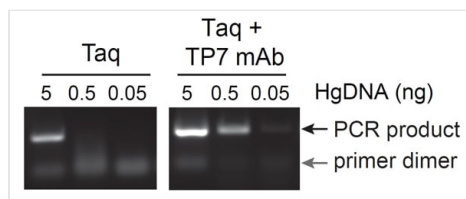
PRODUCT SYNONYMS

Taq Polymerase; Monoclonal Recombinant Antibody; Mouse anti-Taq Polymerase Recombinant Monoclonal Antibody [TP7]; Taq recombinant antibody

PRODUCT SPECIFICATIONS

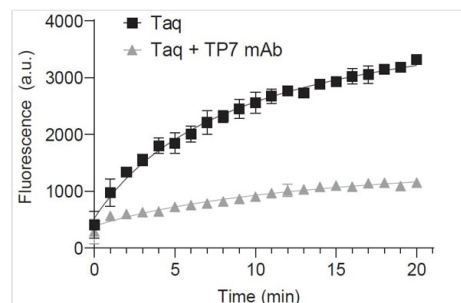
Host	Mouse
Clonality	Monoclonal
Clone Number	TP7
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Phosphate Buffered Saline (PBS) with 0.09% Sodium Azide, BSA-Free
Concentration	1000ug/ml (varies by lot)
Immunogen	Taq-Polymerase
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



Application Data

Anti-Taq [TP7] decreases primer dimer formation and increases PCR sensitivity. Antibody: Mouse anti-Taq Polymerase Recombinant Monoclonal Antibody [TP7] (AAA213680 lot 1). Amplification of a 306 basepair region of the human Numb gene was performed with forward and reverse primers that are prone to low temperature annealing due to complementarity at their 3' ends (Kubu. Biotechniques. 2008). At ambient temperatures, Taq DNA polymerase will extend the annealed primer dimers and create a low molecular weight product that prevents proper amplification of the target sequence. At low template abundance



Application Data

Anti-Taq [TP7] inhibits Taq polymerization activity. Antibody: Mouse anti-Taq Polymerase Recombinant Monoclonal Antibody [TP7] (AAA213680 lot 1). Taq DNA polymerase activity was measured at 30 degree C over a 20-minute timecourse using a fluorescent assay for DNA primer extension on a ssDNA template. Addition of 1 ug of antibody to 5 units of wild-type Taq DNA polymerase suppresses its basal polymerization rate and prevents off-target DNA amplification prior to thermocycling.

ADDITIONAL INFORMATION

Related Product Information for Taq recombinant antibody	Taq-polymerase is a thermostable DNA polymerase from a therophilic bacterium frequently used in a variety of PCR-based applications.
Product Categories/Family for Taq recombinant antibody	Primary Antibodies

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/taq-polymerase-recombinant-antibody-clone-tp7-elisa/213680>