

Taq monoclonal antibody, clone 8C1

Catalog # MAB10116

Size 250 Units

Specification

Product Description	Mouse monoclonal antibody raised against Taq DNA polymerase.
Immunogen	Full length Taq DNA polymerase.
Host	Mouse
Specificity	Reacts with various commercially available Taq DNA polymerases (native or recombinant).
Form	Liquid
Purity	>95% by SDS-PAGE
Isotype	IgG2b
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM Tris-HCl, 50 mM KCl, 0.1 mM EDTA, pH 7.0 (50% glycerol).
Storage Instruction	For immediate use, keep at 4°C, stable for up to one month. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	Keeps the Taq DNA polymerase from being activated at storage conditions; prevents nonspecific amplification and primer-dimer formation in PCR amplification; Also used preparation of hot-start PCR or qPCR master mixes. For each Taq DNA polymerase or Taq from different batch, the antibody titration test must be performed to find the best ratio of antibody to Taq DNA polymerase. Too much antibody added to Taq DNA polymerase could kill the PCR reaction!

Applications

- Polymerase Chain Reaction