

**Anti-Taq Polymerase mAb (Clone MC1101)**  
**Cat. No: MX71031****Product Information Leaflet****Description**

MedixMDx Anti-Taq Polymerase mAb is a highly purified monoclonal antibody that binds to DNA polymerase from *Thermus aquaticus* (Taq polymerase). Anti-Taq Polymerase mAb binds to and inactivates Taq polymerase at room temperature. Therefore, in the presence of Anti-Taq Polymerase mAb, Taq polymerase is inactive when setting up PCRs at room temperature.

Anti-Taq Polymerase mAb dissociates from Taq polymerase at elevated temperatures (higher than 50°C). Consequently, Taq polymerase is only active at elevated temperatures. This prevents the formation of primer dimers and non-specific amplification during PCRs.

**Properties**

Property	
Isotype	IgG1
Clone	MC1101
Storage buffer	Tris buffer pH 7.5
Source	Mouse
Purity	≥95%

**Kit components**

Component	*Cat. no.	*Cat. no.
	MX71031-1 (1 mg)	MX71031-5 (5 mg)
Anti-Taq Polymerase mAb (10 mg/mL)	1 X 0.1 mL	1 X 0.5 mL

\*Other pack sizes or bulk orders are available upon request.

**Storage and shipment**

Transport with an ice pack. The reagent should be stored between 2°C and 8°C upon arrival. The reagent is stable for 12 months if stored correctly.

**Technical information and support**

For technical enquiries or assay development support, please contact us via e-mail at: [mdx@medixbiochemica.com](mailto:mdx@medixbiochemica.com). Additional information and technical resources are available on our website at: [www.medixbiochemica.com/en/MedixMDx](http://www.medixbiochemica.com/en/MedixMDx).