

Perforin (Clone ZM44, also known as MRQ-23) Mouse Monoclonal Antibody

Specificity: Human. Others not known

Immunogen: Recombinant protein corresponding to C-terminal region of human perforin

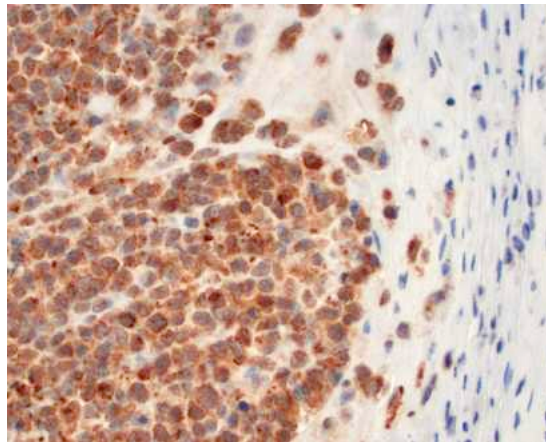
Ig Class: IgG₁

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:10-50; *Positive Control:* Spleen. *Cellular Localization:* Granular cytoplasmic. *Intended Use:* In vitro diagnosis (IVD).

Description: Perforin is a potent cytolytic poreforming protein. It is a specific marker of functionally active cytotoxic T-lymphocytes (CTLs) and natural killer (NK) cells. Perforin is a key effector mechanisms in T cell-mediated cytotoxicity. It mediates cytolysis of target cells by membrane damage and apoptosis.

Supplied As: Culture supernatant in 0.2% BSA and 15mM sodium azide.



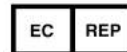
Formalin-fixed, paraffin-embedded human skin T/NK cell lymphoma stained with anti-perforin antibody using peroxidase-conjugate and DAB chromogen. Note the cytoplasmic granular staining of lymphoma cells

Cat. #Z2118 (1.0 ml)

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