

Granzyme B (ZR432)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant human GZMB protein fragment (around aa 73-187)
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: Granzyme B (ZR432) Rabbit Monoclonal primary antibody detects Granzyme B protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain Granzyme B protein.

Localization: Granular cytoplasmic.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: Granzyme B is a member of the granule serine protease family stored specifically in NK cells or cytotoxic T cells. Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. Granzyme B is crucial for the rapid induction of target cell apoptosis by CTLs in the cell-mediated immune response. Granzyme B is frequently expressed by NK/T-cell lymphomas. High percentages of cytotoxic T-cells have been shown to be an unfavorable prognostic indicator in Hodgkin's Disease.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Kummer JA, et al. Clin Exp Immunol. 1995; 100:164-72.
2. Oudejans JJ, et al. Am J Pathol. 1996; 148:233-40.
3. Liu J, et al. J Dermatol. 2003; 30:735-41.

REF Z2788RL/ Z2788RS/ Z2788RT/ Z2788RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)




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RUO
(research
use only)

LOT
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REF
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