



PRF1 Polyclonal Antibody

E90093

Catalog Number: E90093**Amount:** 100ul

Background: Granzymes are a family of serine proteases expressed by cytotoxic T lymphocytes and natural killer (NK) cells and are key components of immune responses to pathogens and transformed cells (1). Granzymes are synthesized as zymogens and are processed into mature enzymes by cleavage of a leader sequence. They are released by exocytosis in lysosome-like granules containing perforin, a membrane pore-forming protein. Granzyme B has the strongest apoptotic activity of all the granzymes as a result of its caspase-like ability to cleave substrates at aspartic acid residues thereby activating procaspases directly and cleaving downstream caspase substrates (2,3). Perforin is a pore-forming protein that facilitates the entry of cytotoxic serine proteases, such as granzymes, into target cells (4). Perforin is primarily expressed in cytotoxic T lymphocytes and NK cells.

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

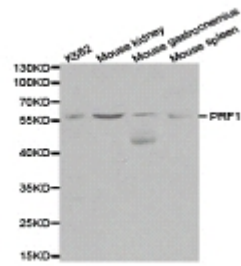
Synonyms: PRF1;FLH2;HPLH2;MGC65093;P1;PFN1;PFP**Immunogen:** Recombinant protein of human PRF1**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB IHC**Molecular Weight:** 61kDa**Swiss-Prot No. :** P14222**Gene ID:** 5551

References: 1. Trapani, J.A. (2001) Genome Biol. 2, REVIEWS 3014. 2. Lord, S.J. et al. (2003) Immunol. Rev. 193, 31-8. 3. Trapani, J.A. and Sutton, V.R. (2003) Curr. Opin. Immunol. 15, 533-43. 4. Catalfamo, M. and Henkart, P.A. (2003) Curr. Opin. Immunol. 15, 522-7.

For Research Use Only

WB: 1:500-1:2000

IHC: 1:50-1:200



Western blot analysis of extracts of various celllines,using PRF1 antibody.