

Perforin Rabbit pAb

Catalog Number: bs-7128R

Target Protein: Perforin

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Rat (predicted:Human, Mouse, Horse)

Predicted MW: 59 kDa

Entrez Gene: 5551

Swiss Prot: P14222

Source: KLH conjugated synthetic peptide derived from human Perforin: 22-100/555.

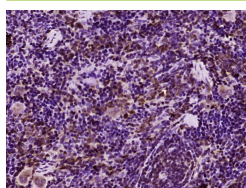
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene has structural and functional similarities to complement component 9 (C9). Like C9, this protein creates transmembrane tubules and is capable of lysing non-specifically a variety of target cells. This protein is one of the main cytolytic proteins of cytolytic granules, and it is known to be a key effector molecule for T-cell- and natural killer-cell-mediated cytotoxicity. Defects in this gene cause familial hemophagocytic lymphohistiocytosis type 2 (HPLH2), a rare and lethal autosomal recessive disorder of early childhood. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat spleen tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Perforin) Polyclonal Antibody, Unconjugated (bs-7128R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=10] Dongyan Shao. et al. Construction and Mechanism of IL-15-based Co-Activated Polymeric Micelles for NK Cell Immunotherapy. ADV HEALTHC MATER. 2023 Oct;;2302589 WB ; Human . 37897328

[IF=7.4] Huang Xinkun. et al. CHSY3 promotes proliferation and migration in gastric cancer and is associated with immune infiltration. J TRANSL MED. 2023 Dec;21(1):1-20 IHC ; Human . 37461041

[IF=5.3] Qin Zhu. et al. Adipose stem cell exosomes, stimulated by pro-inflammatory factors, enhance immune evasion in triple-negative breast cancer by modulating the HDAC6/STAT3/PD-L1 pathway through the transporter UCHL1. CANCER CELL INT. 2024 Nov;24:385 IF ; Mouse . 39568023

[IF=0.181] Mu JY et al. Astragalus polysaccharide restores activation of NK cells in radiation therapy of tumors. Int J Clin Exp Med 2019;12(7):8609-8621. WB ; Mouse . ISSN:1940-5901/IJCEM0095627