

Perforin Rabbit pAb

Catalog No.: A0093

Basic Information

Catalog No.

A0093

Observed MW

70KDa

Calculated MW

61kDa

Category

Primary antibody

Applications

WB, IHC, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF	1:50 - 1:200

Contact

 | www.abclonal.com

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.

Immunogen Information

Gene ID	Swiss Prot
5551	P14222

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 280-555 of human Perforin (NP_001076585.1).

Synonyms

PRF1;FLH2;HPLH2;P1;PFN1;PFP;perforin-1;Perforin

Product Information

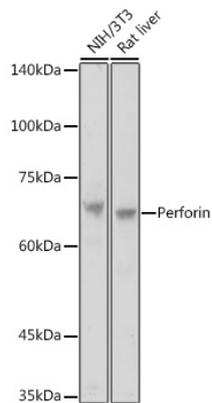
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Perforin antibody (A0093) at 1:1000 dilution.

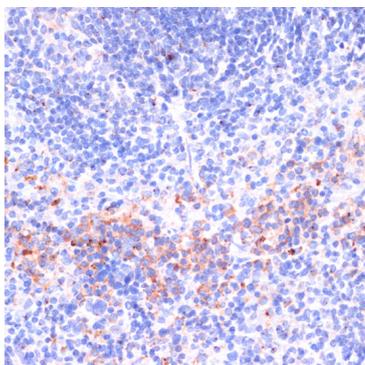
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

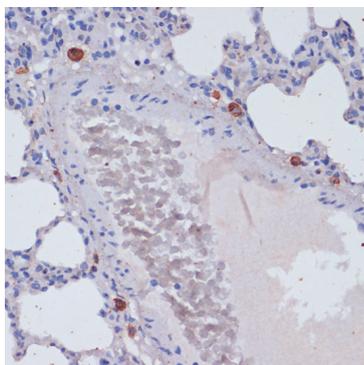
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

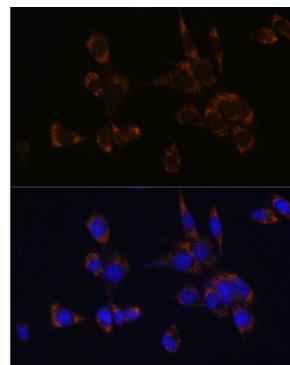
Exposure time: 30s.



Immunohistochemistry of paraffin-embedded mouse spleen using Perforin antibody (A0093) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat lung using Perforin antibody (A0093) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of NIH/3T3 cells using Perforin antibody (A0093) at dilution of 1:100. Blue: DAPI for nuclear staining.