

Datasheet for ABIN7177734
anti-Perforin 1 antibody (AA 21-554)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	Perforin 1 (PRF1)
Binding Specificity:	AA 21-554
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Perforin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Mouse Perforin-1 protein (21-554AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	Perforin 1 (PRF1)
Alternative Name:	Prf1 (PRF1 Products)
Background:	Background: Plays a key role in secretory granule-dependent cell death, and in defense against virus-infected or neoplastic cells. Plays an important role in killing other cells that are

Target Details

recognized as non-self by the immune system, e.g. in transplant rejection or some forms of autoimmune disease. Can insert into the membrane of target cells in its calcium-bound form, oligomerize and form large pores. Promotes cytolysis and apoptosis of target cells by facilitating the uptake of cytotoxic granzymes.

Aliases: Prf1 antibody, Pfp antibody, Perforin-1 antibody, P1 antibody, Cytolysin antibody, Lymphocyte pore-forming protein antibody

UniProt: [P10820](#)

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

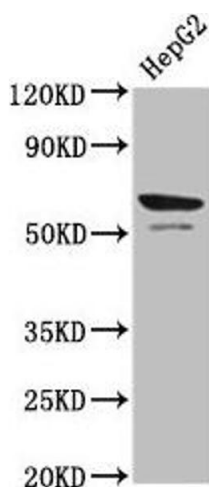
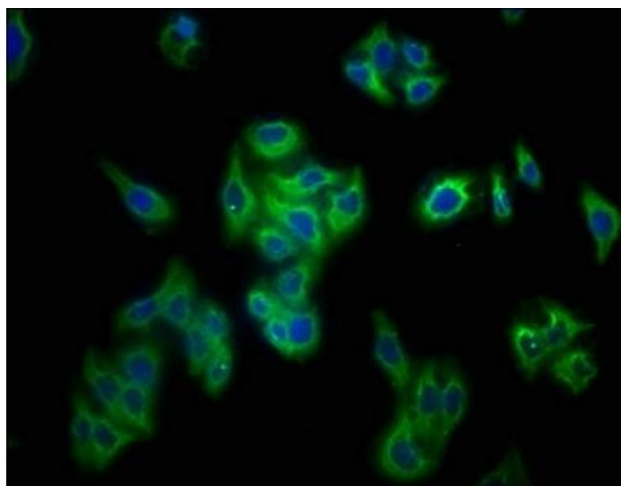
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7177734 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Western Blotting

Image 2. Western Blot Positive WB detected in: HepG2 whole cell lysate All lanes: Prf1 antibody at 4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 63 kDa Observed band size: 63 kDa