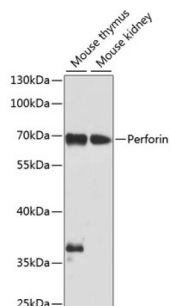
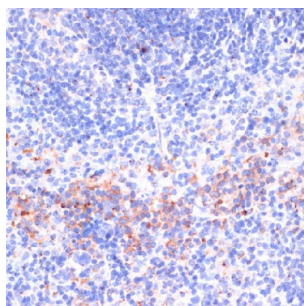


Perforin 1 (PRF1) Antibody

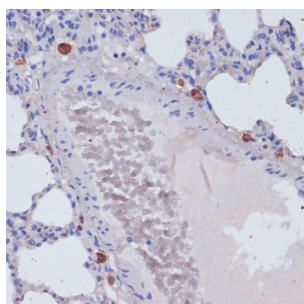
Catalogue No.: abx000550



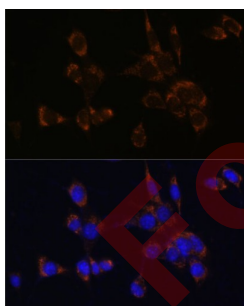
Western blot analysis of extracts of various cell lines using Perforin Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Mouse spleen using Perforin Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Rat lung using Perforin Antibody (1/100 dilution, 40x lens).



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

PRF1 Antibody is a Rabbit Polyclonal antibody against PRF1. 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.

Target: Perforin 1 (PRF1)

Datasheet

Version: 8.0.0
Revision date: 12 Mar 2025



Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human Perforin
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P14222 (UniProt , ExPASy)
Gene Symbol:	PRF1
GeneID:	5551
OMIM:	170280
NCBI Accession:	NP_001076585.1
HGNC:	9360
KEGG:	hsa:5551
Ensembl:	ENSG00000180644
String:	9606.ENSP00000398568
Molecular Weight:	Calculated MW: 61 kDa Observed MW: 70 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Datasheet

Version: 8.0.0

Revision date: 12 Mar 2025



Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only