

## Perforin (ABT236R) IHC kit

CatalogNo: IHCM7190 **Recombinant** 

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- IHC

#### Isotype

- IgG1, Kappa

### | Recommended Dilution Ratios

### | Storage

**Storage\*** 2°C to 8°C/1 year, Ship by ice bag

### | Basic Information

**Clonality** Monoclonal

**Clone Number** ABT236R

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human Perforin AA range:1-100

**Specificity** This antibody detects endogenous levels of Perforin

### | Target Information

**Gene name** PRF1

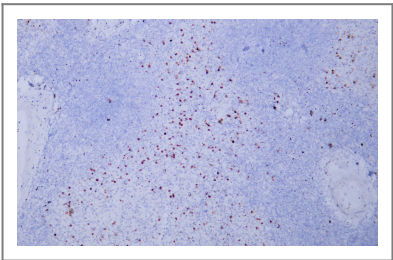
<b>Protein Name</b>	Perforin-1		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">5551</a> ;	<a href="#">P14222</a> ;
	Mouse	<a href="#">18646</a> ;	<a href="#">P10820</a> ;
	Rat		<a href="#">P35763</a> ;

**Cellular Localization** Cytoplasmic, Membranous

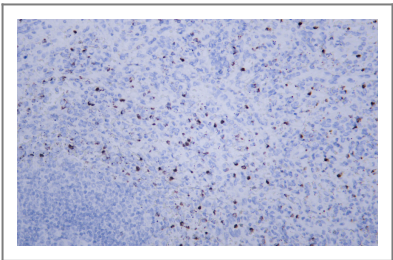
**Tissue specificity** Spleen

**Function** Disease:Defects in PRF1 are the cause of familial hemophagocytic lymphohistiocytosis type 2 (FHL2) [MIM:603553]; also known as HPLH2. Familial hemophagocytic lymphohistiocytosis (FHL) is a genetically heterogeneous, rare autosomal recessive disorder. It is characterized by immune dysregulation with hypercytokinemia and defective natural killer cell function. The clinical features of the disease include fever, hepatosplenomegaly, cytopenia, hypertriglyceridemia, hypofibrinogenemia, and neurological abnormalities ranging from irritability and hypotonia to seizures, cranial nerve deficits, and ataxia. Hemophagocytosis is a prominent feature of the disease, and a non-malignant infiltration of macrophages and activated T lymphocytes in lymph nodes, spleen, and other organs is also found.,Function:In the presence of calcium, perforin polymerizes into transmembrane tubules and is capable of lysing non-specifically a variety of target cells.,induction:Repressed by contact with target cells.,online information:Perforin entry,online information:PRF1 mutation db,similarity:Belongs to the complement C6/C7/C8/C9 family.,similarity:Contains 1 C2 domain.,similarity:Contains 1 EGF-like domain.,similarity:Contains 1 MACPF domain.,subcellular location:Cytoplasmic granules of cytolytic T-lymphocytes.,

## | Validation Data



Human spleen tissue was stained with anti-Perforin (ABT236R) rabbit Antibody



Human spleen tissue was stained with anti-Perforin (ABT236R) rabbit Antibody

## | Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code  
to access additional  
product information:  
**Perforin (ABT236R)**  
**IHC kit**

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For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)