

Perforin (ABT236R) IHC kit

CatalogNo: IHCM7190 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- IHC

Isotype

- IgG1, Kappa

Storage

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

Recommended Dilution Ratios

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

Protein Name Perforin-1

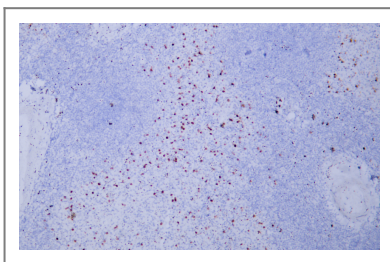
Organism	Gene ID	UniProt ID
Human	5551 ;	P14222 ;
Mouse	18646 ;	P10820 ;
Rat		P35763 ;

Cellular Localization Cytoplasmic, Membranous

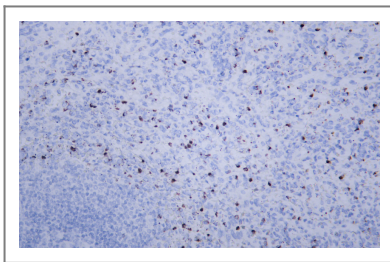
Tissue specificity Spleen

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

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product information:
**Perforin (ABT236R)
IHC kit**

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

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