

Rabbit anti-Human Perforin mAb

Catalog No.: RMK0678

Basic Information

Catalog No.
RMK0678

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Primary antibody

Endotoxin Level
N/A

Storage
Store at -20°C.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, pH 7.3.

Contact

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Background

This gene encodes a protein with structural similarities to complement component C9 that is important in immunity. This protein forms membrane pores that allow the release of granzymes and subsequent cytolysis of target cells. Whether pore formation occurs in the plasma membrane of target cells or in an endosomal membrane inside target cells is subject to debate. Mutations in this gene are associated with a variety of human disease including diabetes, multiple sclerosis, lymphomas, autoimmune lymphoproliferative syndrome (ALPS), aplastic anemia, and familial hemophagocytic lymphohistiocytosis type 2 (FHL2), a rare and lethal autosomal recessive disorder of early childhood.

Immunogen Information

Immunogen
Recombinant Human Perforin protein

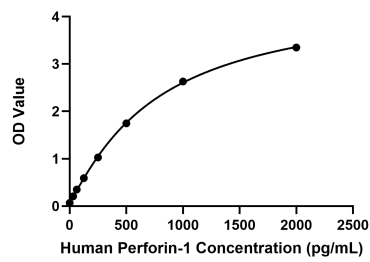
Cross-Reactivity

Assay Applications

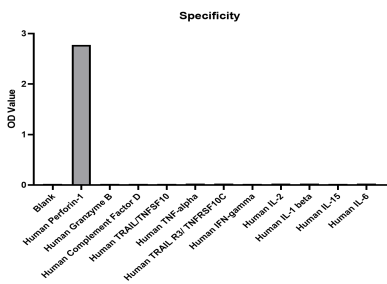
Human Perforin Sandwich Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4 µg/mL	Rabbit anti-Human Perforin mAb (Cat. No. RMK0677)
ELISA Detection	0.0075-0.03 µg/mL	Rabbit anti-Human Perforin mAb (Cat. No. RMK0678)
Standard	31.25-2000 pg/mL	Recombinant Human Perforin Protein

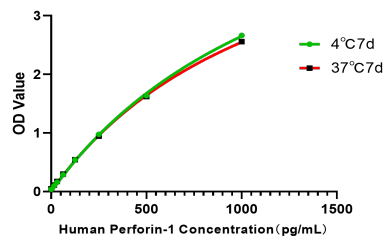
Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



No significant cross-reactivity or interference was observed.



Placed at 37°C for 7 days, the stability of the standard curve all conform to CV <10%.