

PRF1

Mouse Anti-Human Perforin-1 (Clone B-C48) mAb, Azide Free

Catalog No.	CDM088A	Quantity:	200 µg
	CDM088B		500 µg

Alternate Names: P1, Cytolysin, Lymphocyte pore-forming protein, PFP

Description: Perforin 1 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.

UniProt ID: P14222

Gene ID: 5551

Concentration: 1.0 mg/mL

Specificity: Recognizes human Perforin, a 70 kDa protein.

Hybridoma: Myeloma X63/AG.8653 x BALB/c spleen cells

Isotype: Mouse IgG1k

Immunogen: Native human Perforin

Clone: B-C48

Formulation: Sterile filtered PBS, carrier and preservative free.

Applications: ELISA, ELISpot

Storage & Stability: Stable at 2-8 °C for up to 1 year. **DO NOT FREEZE.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

