

PRF1

Mouse Anti-Human Perforin Clone B-E48 Azide Free Capture mAb

Catalog No.	CDM414	Quantity:	1.0 mg
Alternate Names:	P1; PFP; FLH2; PFN1; HPLH2		
Description:	<p>Mouse Anti-Human Perforin Clone B-E48 Azide Free Capture mAb</p> <p>Background: 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.</p>		
Concentration:	1.0 mg / 1.0 ml		
Gene ID:	5551		
Specificity:	Recognizes human perforin, a 70 kDa protein		
Host:	Mouse		
Immunogen:	Natural human perforin		
Isotype:	IgG2b		
Clone:	B-E48		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Formulation:	Liquid in PBS. Sterile-filtered through 0.22 µm. Carrier and Preservative free.		
Purification:	Affinity chromatography		
Conjugate:	Unconjugated		
Applications:	ELISA / ELISPOT Capture Antibody. This antibody can be used as a Capture Antibody in a human Perforin sandwich immunoassay to detect human Perforin in combination with biotinylated human Perforin Detection Antibody (Cat No CDM438). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	<p>ELISA: 0.5-2.5 µg/ml</p> <p>ELISPOT: 5-10 µg/ml</p>		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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