
Anti-Perforin (B-D48)

Type	Size	Catalog number
PE	25 tests	113624
	100 tests	113625
	200 tests	113626

Antigen:	Anti-human Perforin
Immunogen:	Natural human Perforin
Host/Isotype:	Mouse, IgG1, κ
Reactivity:	Human
Purity:	>90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation:	PBS, pH7.2, 0.09% NaN ₃ (unconjugated, Biotin) PBS, pH7.2, 0.09% NaN ₃ , 0.2% (w/v) BSA (conjugated)
Storage:	Store at 2-8°C and protected from prolonged exposure to light. Do not freeze.
Applications:	Flow Cytometry

Application Information

Each lot was pre-titrated and tested by flow cytometric analysis using appropriate target cells so that 2-5 μ l of this product will stain 1 million cells in 100 μ l staining volume or 100 μ l whole blood. Antibody reactivity should be empirically titrated for optimal performance for the application of interest.

Antigen Information

The clone B-D48, a mouse monoclonal antibody selectively recognizes ~70 KDa cytoplasmic cytotoxic granules pore-forming protein known as Perforin. Perforin is primarily expressed in the cytoplasm of cytotoxic T lymphocytes (CTLs) and natural killer (NK) cells through which these cells perform their anti-viral and antitumor killing activities.

References

1. Shiver, JW, et al. 1991. *Cell*. 64:1175.
2. Lieberman J. 2003. *Nat. Rev. Immunol.* 3:361
3. Harari, A, et al.2009. *Journal of Virology*. 83:2862

Terms and Conditions

This product is for research use only (RUO) and not intended for diagnostic testing.