

CD27 (C.813.21)

Type	Size	Catalog number
Unconjugated	100µg	125701
	500µg	12573
APC	25 tests	125744
	100 tests	125745
	200 tests	125746

Antigen:	CD27
Immunogen:	Sezary cells
Host/Isotype:	Mouse, IgG3, 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 and 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 of this antibody has been pre-titrated and tested by flow cytometric analysis in human PBMCs such that 0.5µg (unconjugated) or 5µl (fluorescent conjugated) of these products are sufficient for staining 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended to titrate antibody reactivity empirically for optimal performance.

Antigen Information

The clone C-813.21, a mouse monoclonal antibody selectively recognizes a 110kDa type 1 transmembrane glycoprotein composed of disulfide-linked 50-55 kDa monomers surface antigen known as CD27. C-813.21 belongs to the TNF-receptor superfamily and is widely expressed on all mature T cells, a subset B cells, and NK cells. CD27 plays an important role in the co-stimulation of T cell activation and regulation of B cell differentiation and proliferation.

References

1. Stockinger, H, et al. 1986. Springer-Verlag, New York, p513.
2. Sugita, K.Y., et al. 1991. *J. Immunol.* 147:1477.
3. Agematsu, K, et al.1995. *J. Immunol.* 154:3627
4. Camerini, D., et al. 1991. *J. Immunol.* 147:3165.
5. Agematsu, K, et al.1994. *J. Immunol.* 153:1421

Terms and Conditions

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