

Product Data Sheet

PE anti-human CD26

Catalog # / Size: 302705 / 25 tests
302706 / 100 tests

Clone: BA5b

Isotype: Mouse IgG2a, κ

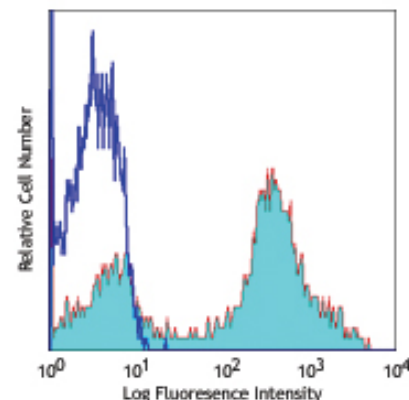
Workshop Number: VI N-L078

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Human peripheral blood lymphocytes stained with BA5b PE

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 μ l to 5 μ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 μ l staining volume or per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. Read more at www.biolegend.com/testsize regarding the test size change.

Application References:

1. Kishimoto T, *et al.* Eds. 1997. Leucocyte Typing VI. Garland Press. London.
2. Schlossman S, *et al.* Eds. 1995. Leucocyte Typing V. Oxford University Press. New York.
3. Wang S, *et al.* 2010. *Nephrol Dial Transplant*. PubMed

Description: CD26 is a 110 kD type II membrane protein also known as ADA-binding protein and dipeptidyl peptidase IV (DPPIV). It is a member of the peptidase and ectoenzyme family. CD26 is expressed on the membrane of mature thymocytes, T lymphocytes (upregulated upon activation), B cells, NK cells, and macrophages. CD26 cleaves off N-terminal X-Pro and X-Ala dipeptides from polypeptides. It plays an integral role as a costimulatory molecule in T cell activation. CD26 may interact with extracellular matrix proteins such as fibronectin or collagen, CD45 and ADA.

Antigen References:

1. Kameoka J, *et al.* 1993. *Science* 261:466.
2. Dang N, *et al.* 1990. *J. Exp. Med.* 172:649.

Related Products:	Product	Clone	Application
	PE anti-human CD184 (CXCR4)	12G5	FC
	PE Mouse IgG2a, κ Isotype Ctrl	MOPC-173	FC, ICFC
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	PE anti-human CD184 (CXCR4)	4G10	FC
	Human TruStain FcX™ (Fc Receptor Blocking Solution)		FC, ICC, ICFC



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