

Product Data Sheet

Purified anti-human CD26

Catalog # / Size: 302702 / 100 µg

Clone: BA5b

Isotype: Mouse IgG2a, κ

Workshop Number: VI N-L078

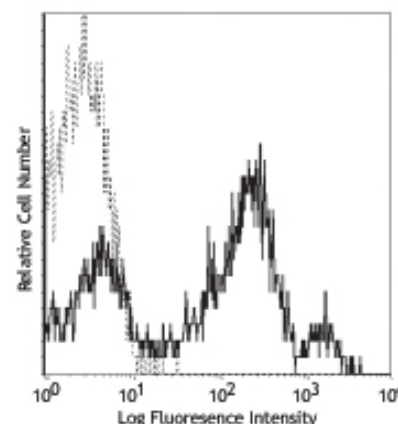
Reactivity: Human

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



Human peripheral blood lymphocytes stained with BA5b PE/Cy5

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 1.0 µg per 10^6 cells in 100 µl volume or 100 µl of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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.

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
 APC Goat anti-mouse IgG (minimal x-reactivity)
 Biotin Goat anti-mouse IgG (minimal x-reactivity)
 FITC Goat anti-mouse IgG (minimal x-reactivity)
 Purified Mouse IgG2a, κ Isotype Ctrl
 PE Goat anti-mouse IgG (minimal x-reactivity)
 Cell Staining Buffer
 RBC Lysis Buffer (10X)

Clone

Poly4053
 Poly4053
 Poly4053
 MOPC-173
 Poly4053

Application

FC
 FC, ELISA, IHC, IF, WB
 FC
 FC, ICC, IF, IHC, IP, WB
 FC
 FC, ICC, ICFC
 FC, ICFC



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