



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent: Anti-Human CD26 Monoclonal (5F8)

Catalog Number: 2463

Lot Number: 94055

Release Category: D

Provided: 50 µl undiluted ascites.

Host: Balb/c mice (NS-1).

Titer: 1:1000 for cytofluorometry.

Special Characteristics: Recognizes the 110 kD human CD26 molecule in immunoprecipitation, Western blots, and indirect immunofluorescence. This antibody recognizes a functionally unique CD26 epitope that differs from that recognized by 1F7 and anti-Tal. Antibody 5F8 in combination with antibody to CD3 does not stimulate T-cell proliferation.

Recommended Storage: Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.

Contributor: Dr. Chikao Morimoto.

References: Torimoto Y, Dang NH, Tanaka T, Prado C, Schlossman SF, morimoto C. Biochemical characterization of CD26 (dipeptidyl peptidase IV): functional comparison of distinct epitopes recognized by various anti-CD26 monoclonal antibodies. *Mol Immunol* **29**:183-192, 1992. Dang NH, Torimoto Y, Sugita K, Daley JF, Schow P, Prado C, Schlossman SF. Cell surface modulation of CD26 by anti-1F7 monoclonal anatibody: analysis of surface expression and human T cell activation. *J Immunol* **145**:3963-3971, 1990. Morimoto C, Schlossman SF. CD26, a key costimulatory molecule on CD4 memory cells. *Immunologist* **2**:4-7, 1994.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-Human CD26 Monoclonal (5F8) from Dr. Chikao Morimoto." Also include the references cited above in any publications.

A patent application has been filed on this reagent. Requests from commercial organizations should be directed to Dr. Morimoto, Dana-Farber Cancer Institute, Department of Medicine, Harvard Medical School, 44 Binney Street, Boston, MA 02115.

Last Updated

January 16, 2018

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