

AM08171RP-N**Monoclonal Antibody to CD26 / DPP4 - PE****Alternate names:**

ADABP, ADCP2, Adenosine deaminase complexing protein 2, DPP IV, Dipeptidyl peptidase 4, Dipeptidyl peptidase IV, T-cell activation antigen CD26, TP103

Quantity:

100 Tests

Background:

CD26 also known as Dipeptidyl Peptidase IV (DPP IV) is an atypical serine protease belonging to the prolyl oligopeptidase family. It is expressed on lymphocyte cells and is upregulated during T cell activation. CD26 is also expressed on activated B cells and natural killer cells and abundantly on epithelia. CD26 is implicated in a variety of biological functions including T cell activation, cell adhesion with extracellular matrix such as fibronectin or collagens, and in HIV infection. (Ref.1-6)

Uniprot ID:

[P27487](#)

NCBI:

[NP_001926.2](#)

GeneID:

[1803](#)

Host / Isotype:

Mouse / IgM

Clone:

134-2C2

Format:

State: Liquid purified Ig fraction.

Buffer System: PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent.

Label: PE – R-Phycoerythrin

Applications:

Flow Cytometry: 10 µL/10e6 cells.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody recognizes CD26.

Species: Human.

Other species not tested.

Storage:

Store the antibody undiluted at 2-8°C.

DO NOT FREEZE!

This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

1. Knapp, W., B. Dorken, W.R. Gills, E.P. Rieber, R.E. Schmidt, H. Stein, A.E.G.K. Von dem Borne, eds. 1989. Leukocyte Typing IV: White Cell Differentiation Antigens, Oxford University Press, Oxford.
2. Barclay, A.N., M.H. Brown, S.K.A. Law, A.J. McKnight, M.G. Tomlinson, and P.A. van der Merwe, eds. 1997. The Leukocyte Antigens Facts Book, 2nd Edition, CD26 Section, Academic Press, New York, p. 194.
3. Dang, N.H., Y. Torimoto, K. Shiamamura, T. Tanaka, J.F. Daley, S.F. Schlossman, and C. Morimoto. 1991. J. Immunol. 147:2825.
4. Abbott, C.A., E. Baker, G.R. Sutherland, and G.W. McCaughan. 1994. Immunogenetics 42:76.

5. Shipp, M.A., and A.T. Look. 1993. Blood 82:1052.

6. Fleischer, B. 1994. Immunol. Today 15:180.