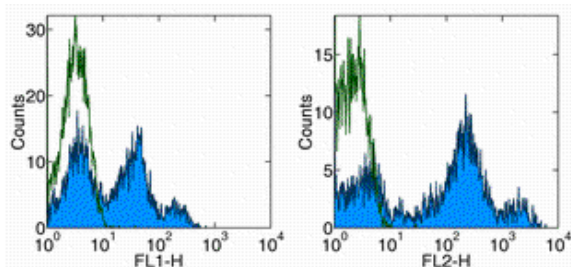


## Anti-Human CD26 PE

**Catalog Number:** 12-0269

**Also Known As:** Dipeptidyl Peptidase IV, DPPIV, DPP4,

**RUO: For Research Use Only. Not for use in diagnostic procedures.**



Surface Staining of normal human peripheral blood cells with Mouse IgG1 kappa Isotype Control FITC (cat. 11-4714) (left, open histogram), or Mouse IgG1 kappa Isotype Control PE (cat. 12-4714) (right, open histogram) or Anti-Human CD26 FITC (cat. 11-0269) (left, filled histogram), and PE (right, filled histogram). Cells in the lymphocyte population were used for analysis.

### Product Information

**Contents:** Anti-Human CD26 PE

**REF** **Catalog Number:** 12-0269


**Clone:** 2A6

**Concentration:** 5  $\mu$ L (0.5  $\mu$ g)/test

**Host/Isotype:** Mouse IgG1, kappa

**HLDA Workshop:** VI N-L167

**Formulation:** aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.

**LOT** **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

### Description

The 2A6 monoclonal antibody reacts with human CD26, a 110 kDa type II transmembrane dimer. CD26 is an ectoenzyme with dipeptidyl peptidase IV activity expressed by T cells and is upregulated upon T cell stimulation. It is thought that CD26 plays a role in interaction with the extracellular matrix molecules and in T cell activation.

### Applications Reported

The 2A6 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

This 2A6 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5  $\mu$ L (0.5  $\mu$ g) per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. Cell number should be determined empirically but can range from  $10^5$  to  $10^8$  cells/test.

### References

Schlossman, S., L. Bloumsell, et al. eds. (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.  
Kishimoto, T., A.E.G., von dem Borne, et al. eds. (1998). Leucocyte Typing VI: White Cell Differentiation Antigens. Garland Publishing, Inc. London.

### Related Products

00-4222 Flow Cytometry Staining Buffer

00-4300 10X RBC Lysis Buffer (Multi-species)

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.8.1)

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