

## Monoclonal Antibody to CD26 / DPP4 - PE

<b>Alternate names:</b>	ADABP, ADCP2, Adenosine deaminase complexing protein 2, DPP IV, Dipeptidyl peptidase 4, Dipeptidyl peptidase IV, T-cell activation antigen CD26, TP103
<b>Catalog No.:</b>	SM2264RT
<b>Quantity:</b>	25 Tests
<b>Background:</b>	Murine CD26 is a type II integral membrane dipeptidyl-peptidase that is expressed at the cell surface as a heterodimer, of approximately 220 kDa, and has a soluble form in the plasma. The CD26 molecule is a multifunctional glycoprotein that has ectopeptidase activity and is also reported to be involved in cell adhesion, signal transduction in T lymphocytes and HIV infection. CD26 is differentially expressed on developing thymocytes and is upregulated on activated T-cells but is not expressed on resting and thioglycollate stimulated macrophages. Expression of CD26 has also been reported on cells from a variety of non-haematopoietic tissues including liver, intestine and kidney.
<b>Uniprot ID:</b>	<a href="#">P28843</a>
<b>NCBI:</b>	<a href="#">NP_001153015.1</a>
<b>GeneID:</b>	<a href="#">13482</a>
<b>Host / Isotype:</b>	Rat / IgG2a
<b>Clone:</b>	H207-1082
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction. <b>Purification:</b> Affinity Chromatography on Protein G <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide as preservative, 5% Sucrose and 1% BSA as stabilizer <b>Label:</b> PE – R. Phycoerythrin (RPE) <b>Reconstitution:</b> Restore with 0.25 ml or 1 ml distilled water
<b>Applications:</b>	<b>Flow Cytometry:</b> Use 10 µl of neat antibody to label 10e6 cells in 100 µl. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises CD26, which is also known as thymocyte-activating molecule (THAM).
<b>Species Reactivity:</b>	<b>Tested:</b> Mouse.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light. Shelf life: one year from despatch.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

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Antibody Hotline - Technical Questions - Antibody Location Service  
Free Call: 0800-2274746 (Germany only) - [www.acris-antibodies.com](http://www.acris-antibodies.com)

**General References:** 1. Vivier, I. et al. (1991) Evidence that thymocyte-activating molecule is mouse CD26 (dipeptidyl peptidase IV). J.Immunol. 147:447-54.

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