

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
Catalog No.:	SM2264R
Quantity:	100 Tests
Background:	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.
Uniprot ID:	P28843
NCBI:	NP_001153015.1
GeneID:	13482
Host / Isotype:	Rat / IgG2a
Clone:	H207-1082
Format:	State: Lyophilized purified IgG fraction. Purification: Affinity Chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative, 5% Sucrose and 1% BSA as stabilizer Label: PE – R. Phycoerythrin (RPE) Reconstitution: Restore with 0.25 ml or 1 ml distilled water
Applications:	Flow Cytometry: 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.
Specificity:	This antibody recognises CD26, which is also known as thymocyte-activating molecule (THAM).
Species Reactivity:	Tested: Mouse.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! 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.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - 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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