

Product datasheet for **SM2264R**

Dpp4 Rat Monoclonal Antibody [Clone ID: H207-1082]

Product data:

Product Type:	Primary Antibodies
Clone Name:	H207-1082
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 1 ⁰ cells in 100 µl. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	This antibody recognises CD26, which is also known as thymocyte-activating molecule (THAM).
Formulation:	PBS, pH 7.4 Label: PE State: Lyophilized purified IgG fraction Stabilizer: 5% Sucrose and 1% BSA Preservative: 0.09% Sodium Azide Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 0.25 ml (Cat.-No SM2264RT) or 1 ml (Cat.-No SM2264R) distilled water
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	dipeptidylpeptidase 4
Database Link:	Entrez Gene 13482 Mouse P28843



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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.

Synonyms:

ADCP2, Dipeptidyl peptidase 4, DPP IV, Dipeptidyl peptidase IV, ADABP, TP103