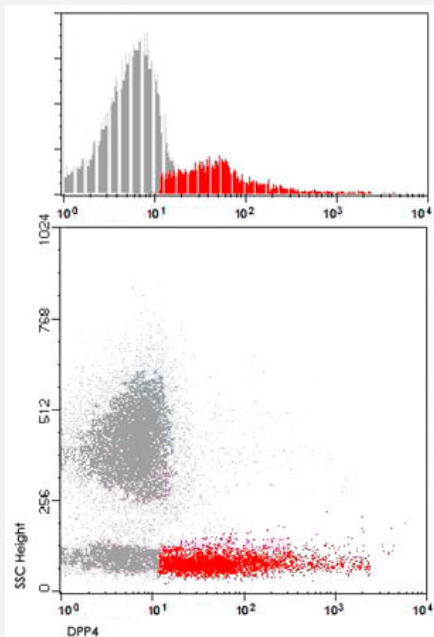


DPP4 monoclonal antibody, clone TP1/19

Catalog # MAB4975 Size 1 mg

Applications



Flow Cytometry

Flow Cytometry using human peripheral blood cells (1 ug/10⁶ cells).
FACSCalibur (Becton Dickinson, San Jose, CA) flow cytometer, using Cell Quest acquisition software and PAINT-A-GATE. PRO, analysis software.

Specification

Product Description	Mouse monoclonal antibody raised against native DPP4.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b
Recommend Usage	Flow Cytometry (20 uL/10 ⁶ cells) The optimal working dilution should be determined by the end user.

Storage Buffer	In buffer containing 1% BSA, pH 7.2 (0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence
- Flow Cytometry

Flow Cytometry using human peripheral blood cells (1 ug/10⁶ cells).

FACSCalibur (Becton Dickinson, San Jose, CA) flow cytometer, using Cell Quest acquisition software and PAINT-A-GATE. PRO, analysis software.

Gene Info — DPP4

Entrez GeneID	1803
Gene Name	DPP4
Gene Alias	ADABP, ADCP2, CD26, DPPV, TP103
Gene Description	dipeptidyl-peptidase 4
Omim ID	102720
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is identical to adenosine deaminase complexing protein-2, and to the T-cell activation antigen CD26. It is an intrinsic membrane glycoprotein and a serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides. [provided by RefSeq]
Other Designations	T-cell activation antigen CD26 adenosine deaminase complexing protein 2 dipeptidylpeptidase 4 dipeptidylpeptidase IV dipeptidylpeptidase IV (CD26, adenosine deaminase complexing protein 2)

Publication Reference

- [Direct association of adenosine deaminase with a T cell activation antigen, CD26.](#)

Kameoka J, Tanaka T, Nojima Y, Schlossman SF, Morimoto C.

Science 1993 Jul; 261(5120):466.

- [Human CD4 helper T cell activation: functional involvement of two distinct collagen receptors, 1F7 and VLA integrin family.](#)

Dang NH, Torimoto Y, Schlossman SF, Morimoto C.

The Journal of Experimental Medicine 1990 Aug; 172(2):649.

Application: IP, Human, Human T lymphocytes

- [Interleukin 2 production by human T lymphocytes identified by antibodies to dipeptidyl peptidase IV.](#)

Scholz W, Mentlein R, Heymann E, Feller AC, Ulmer AJ, Flad HD.

Cellular Immunology 1985 Jun; 93(1):199.

Application: Func, Human, Human T lymphocytes

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
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