DPP4 monoclonal antibody, clone 134-2C2

Catalog # MAB6231 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against DPP4.
Immunogen	CD3 activated human PBMC.
Host	Mouse
Reactivity	Human
Specificity	human CD26.
Form	Liquid
Isotype	IgM
Recommend Usage	Flow Cytometry (1 ug/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry
- Immunoprecipitation

Gene Info — DPP4

Entrez GeneID	1803

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Gene Name	DPP4
Gene Alias	ADABP, ADCP2, CD26, DPPIV, 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 exope ptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides. [provided by RefS eq
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

- CD26: a surface protease involved in T-cell activation.

  Fleischer B.

  Immunology Today 1994 Apr; 15(4):180.

  Application: Flow Cyt, IHC, Human, Mouse, Rat, Adrenal gland, Livers, Lungs, Kidneys, Pancreas, Parotid gland, Prostate gland, Skins, Spleens, T lymphocytes

- Hematopoietic differentiation antigens that are membrane-associated enzymes: cutting is the key!

  Shipp MA, Look AT.

  Blood 1993 Aug; 82(4):1052.

- 1F7 (CD26): a marker of thymic maturation involved in the differential regulation of the CD3 and CD2 pathways of human thymocyte activation.

  Dang NH, Torimoto Y, Shimamura K, Tanaka T, Daley JF, Schlossman SF, Morimoto C.

  Journal of Immunology 1991 Nov; 147(9):2825.

  Application: Flow Cyt, Func, IHC, Human, Thymocytes, Thymus

Disease

- Anorexia Nervosa
- Bulimia

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- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Metabolic Syndrome X
- Obesity
- Ovarian Neoplasms
- Periodontitis

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