DPP4 monoclonal antibody, clone BA5b

Catalog # MAB8513 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against DPP4.
Immunogen	A human T cell clone.
Host	Mouse
Reactivity	Human
Specificity	This antibody is a peptidase expressed on mature thymocytes, T cells (especially activated), B cells, NK cells and macrophages.
Form	Liquid
Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

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

- Histogenesis-specific expression of fibroblast activation protein and dipeptidylpeptidase-IV in human bone and soft tissue tumours.

  Dohi O, Ohtani H, Hatori M, Sato E, Hosaka M, Nagura H, Itoi E, Kokubun S.

  Histopathology 2009 Oct; 55(4):432.

- Decreased expression of T lymphocyte co-stimulatory molecule CD26 on invariant natural killer T cells in systemic lupus erythematosus.

  Wong PT, Wong CK, Tam LS, Li EK, Chen DP, Lam CW.

  Immunological Investigations 2009 Aug; 38(5):350.

- Expression pattern of dipeptidyl peptidase IV activity and/or structure homologues in cancer.

  Kotackova L, Balaziova E, Sedo A.

  Folia Biologica 2009 Jun; 55(3):77.

Disease

- Anorexia Nervosa
- Bulimia
- Cardiovascular Diseases

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

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