Product datasheet

Anti-CD26/DPP4 Antibody (Clone#ABOC-4)

Catalog Number: *BM5083*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-CD26/DPP4 Antibody (Clone#ABOC-4)
Gene Name	DPP4
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human CD26
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	110 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

Dipeptidyl peptidase-4 (DPP4), also known as CD26 (cluster of differentiation 26) is a protein that, in humans, is encoded by the DPP4 gene. The protein encoded by the DPP4 gene is an antigenic enzyme expressed on the surface of most cell types and is associated with immune regulation, signal transduction and apoptosis. Also, it is an intrinsic membrane glycoprotein and a serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides. DPP4 plays a major role in glucose metabolism. It is responsible for the degradation ofincretins such as GLP-1. Furthermore, it appears to work as a suppressor in the development of cancer andtumours.

Reference

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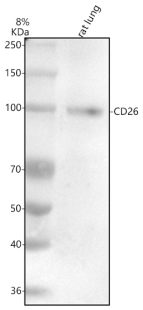
Anti-CD26/DPP4 Antibody (Clone#ABOC-4)被引用在1文献中。

Selected Validation Data



Western blot analysis of anti-CD26/DPP4 antibody (BM5083). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: rat lung tissue lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-CD26/DPP4 antigen affinity purified monoclonal antibody (BM5083) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for CD26/DPP4 at approximately 110 kDa. The expected band size for CD26/DPP4 is at 88 kDa.