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antibody and ELISA experts

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Anti-CD26/DPP4 Rabbit Monoclonal Antibody

Catalog Number: M00597

Overview

Product Name	Anti-CD26/DPP4 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CD26/DPP4 Rabbit Monoclonal Antibody catalog # M00597. Tested in WB application. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Monoclonal ABOC-4
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P27487

Technical Details

Immunogen	A synthesized peptide derived from human CD26
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000

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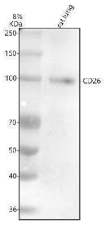
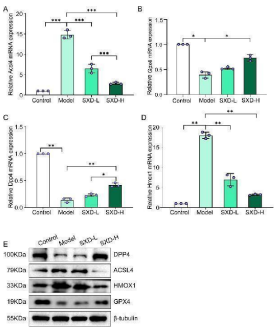
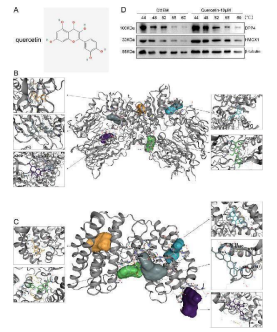
Anti-CD26/DPP4 Rabbit Monoclonal Antibody (M00597) Images



Western blot analysis of CD26 using anti-CD26 antibody (M00597). Electrophoresis was performed on a 8% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. 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 nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CD26 antigen affinity purified monoclonal antibody (M00597) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for CD26 at approximately 110 kDa. The expected band size for CD26 is at 88 kDa.



SXD remarkably affected the ferroptosis-related markers in CoCl 2 -induced hypoxic H9c2 cells. (A–D) mRNA expressions of ACSL4, GPX4, DPP4, and HMOX1 in different groups, separately. (E) Protein expressions of ACSL4, GPX4, DPP4, and HMOX1 in different groups. *P < 0.05, **P < 0.01, and ***P < 0.001.Index in PubMed under a CC BY license. PMID: 40365322



Molecular docking results. (A) Structure of quercetin. (B, C) Molecular docking of quercetin with DPP4 (B) and HMOX1 (C) . (D) Results of the CETSA assay.Index in PubMed under a CC BY license. PMID: 40365322

1 Publications Citing This Product

1. PubMed ID: 29254987, DPP-4 inhibitors improve diabetic wound healing via direct and indirect promotion of epithelial-mesenchymal transition and reduction of scarring

Visit bosterbio.com/anti-cd26-rabbit-monoclonal-antibody-m00597-boster.html to see all 1 publications.

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