ABclonal Technology ®

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CD26/DPP4 Rabbit mAb

Catalog No.: A4252   `Recombinant`   `1 Publications`

Basic Information

Observed MW
110kDa

Calculated MW
88kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Mouse, Rat

CloneNo number
ARC0939

Background

The DPP4 gene encodes dipeptidyl peptidase 4, which is identical to adenosine deaminase complexing protein-2, and to the T-cell activation antigen CD26. It is an intrinsic type II transmembrane glycoprotein and a serine exopeptidase that cleaves X-proline dipeptides from the N-terminus of polypeptides. Dipeptidyl peptidase 4 is highly involved in glucose and insulin metabolism, as well as in immune regulation. This protein was shown to be a functional receptor for Middle East respiratory syndrome coronavirus (MERS-CoV), and protein modeling suggests that it may play a similar role with SARS-CoV-2, the virus responsible for COVID-19.

Recommended Dilutions

WB   1:500 - 1:1000

ELISA   Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID   **Swiss Prot**
1803   P27487

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
CD26; ADABP; ADCP2; DPPIV; TP103; CD26/DPP4

Contact

Product Information

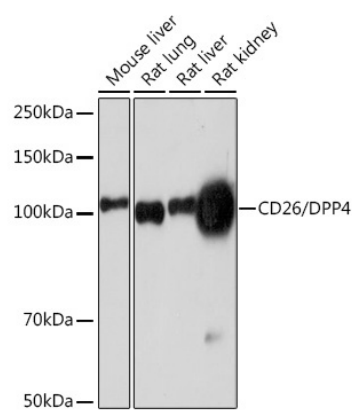| Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data

Western blot analysis of various lysates using CD26/DPP4 Rabbit mAb (A4252) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 3min.