

Product datasheet for **AM26169PU-N**

Dpp4 Mouse Monoclonal Antibody [Clone ID: 5E8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5E8
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	Immunohistochemistry on Frozen Sections (typical starting working dilution is 1/10). Immunoassay (Detection). Immunoprecipitation. Western blot (typical starting working dilution is 1/10).
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody reacts with DPP IV present on the apical surface of epithelial cells in the pancreas, small intestine, colon, and bile duct. Furthermore antibody 5E8 reacts with DPP IV on the laminar portions of the proximal renal tubule cells, and, weakly, on the glomeruli.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	dipeptidylpeptidase 4
Database Link:	Entrez Gene 25253 Rat P14740



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Background:

Dipeptidyl peptidase IV (DPP IV) is widely distributed in a number of mammalian tissues and is suggested to play an important role in various kinds of biological processes. DPP IV (CD26) is a serine-type protease that removes the amino-terminal dipeptide from peptide substrate provided that the penultimate amino acid residue is proline or alanine. DPP IV plays an important role in the reclamation of peptide nitrogen from larger peptides.

Synonyms:

ADCP2, Dipeptidyl peptidase 4, DPP IV, Dipeptidyl peptidase IV, ADABP, TP103