

Mouse anti-Rat CD26, Dipeptyl peptidase IV, clone 5E8 (Monoclonal)

Clone no. 5E8

MONOSAN

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Product name	Mouse anti-Rat CD26, Dipeptyl peptidase IV, clone 5E8 (Monoclonal)
Host	Mouse
Applications	IHC-fr,ELISA,IP,WB
Species reactivity	rat
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	5E8
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

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. The monoclonal antibody 5E8 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.

**References**

1. Mizuno; M et al. Liver 1987; 7: 251
2. Hyodo, I et al Liver 1993, 13: 80
3. Ariyoshi; M et al. Acta Med Okayama 2002; 56: 187
4. -
5. -

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