

Product Datasheet

DPPIV/CD26 Antibody (5E8)

NBP1-42425

Unit Size: 0.05 mg

Store at 4C. Do not freeze.

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NBP1-42425**DPPIV/CD26 Antibody (5E8)**

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	5E8
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS containing 0.1% BSA
Product Description	
Host	Mouse
Gene ID	1803
Gene Symbol	DPP4
Species	Rat
Reactivity Notes	Rat
Specificity/Sensitivity	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.
Immunogen	The antibody reacts with the CD26 antigen.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	The monoclonal antibody 5E8 can be used for Western blotting, as detection in immuno assay and immuno precipitation. Furthermore the antibody 5E8 is very useful for immunohistology on frozen sections. For immunohistology and Western blotting dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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