

# Product Datasheet

## DPPIV/CD26 Antibody (202.36) [DyLight 594] NBP2-47256DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47256DL594**

DPPIV/CD26 Antibody (202.36) [DyLight 594]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	202.36
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	DyLight 594
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	1803
Gene Symbol	DPP4
Species	Human, Rat, Porcine (Negative), Sheep (Negative)
Reactivity Notes	Does not react with Porcine or Sheep.
Specificity/Sensitivity	Recognizes a glycoprotein of 110kDa, identified as CD26 (Workshop VI; Code: N-L039). It is an atypical serine protease belonging to the prolyl oligopeptidase family. It is expressed on lymphocyte cells and is upregulated during T-cell activation. CD26 is also expressed on activated B cells and natural killer cells and abundantly on epithelia. CD26 is implicated in a variety of biological functions including T-cell activation, cell adhesion with extracellular matrix such as fibronectin or collagens, and in HIV infection. Cross-linking of CD26 using this antibody dramatically enhances the anti-CD3-induced IL-2 production. In Western blotting, this monoclonal antibody reacts with only glycosylated CD26, but not with the deglycosylated form. It does not prevent ADA binding to CD26.
Immunogen	Human T cell clone
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, Immunofluorescence, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-47256DL594**

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NBP1-43317DL594	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [DyLight 594]
NBP3-21319PEP	DPPIV/CD26 Recombinant Protein Antigen
202-IL-010	IL-2 [Unconjugated]
DY1180	DPPIV/CD26 [Biotin]

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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.

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