

# Product Datasheet

## DPPIV/CD26 Antibody (OTI11D7)

### NBP2-02154

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-02154****DPPIV/CD26 Antibody (OTI11D7)**

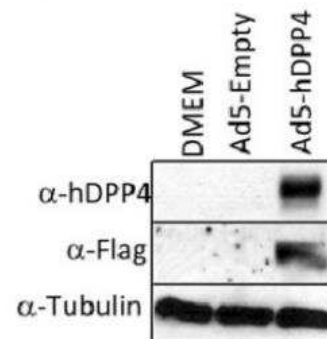
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI11D7
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	88.3 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse DPPIV/CD26 Antibody (OTI11D7) (NBP2-02154) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-DPPIV/CD26 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	1803
<b>Gene Symbol</b>	DPP4
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	Full length human recombinant protein of human DPP4 (NP_001926) produced in HEK293T cell.

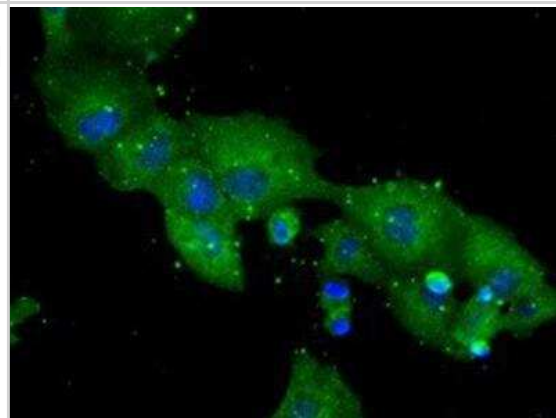
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

## Images

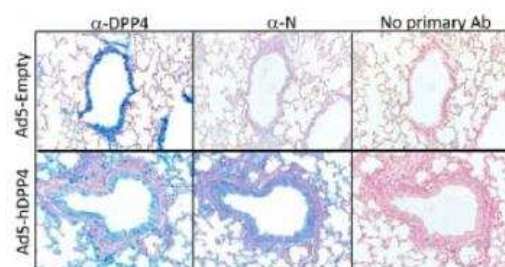
Western Blot: DPPIV/CD26 Antibody (11D7) [NBP2-02154] - Western Blot of DPP4 protein level by using anti-DPP4 antibody in mouse MLE15 cells.



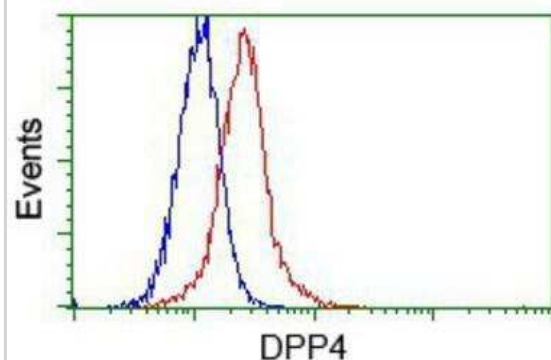
Immunocytochemistry/Immunofluorescence: DPPIV/CD26 Antibody (OT111D7) [NBP2-02154] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY CD26.



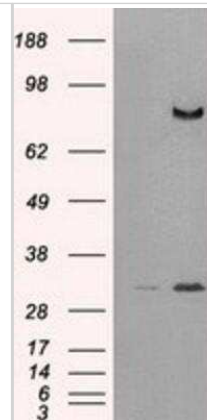
Immunohistochemistry: DPPIV/CD26 Antibody (11D7) [NBP2-02154] - Lungs harvested from BALB/c mice at day 3. Dilution: 1:800



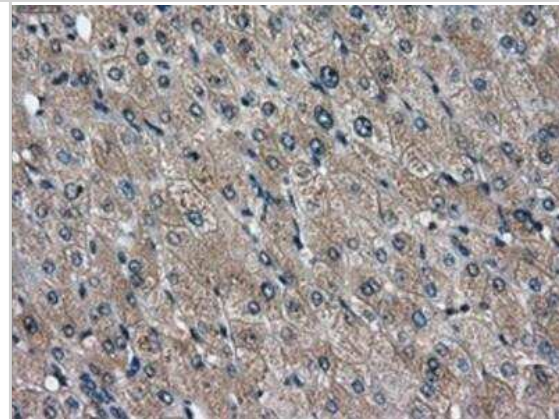
Flow Cytometry: DPPIV/CD26 Antibody (11D7) [NBP2-02154] - Analysis of HeLa cells, using anti-CD26 antibody, (Red) compared to a nonspecific negative control antibody (Blue).



Western Blot: DPPIV/CD26 Antibody (11D7) [NBP2-02154] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD26 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD26.



Immunohistochemistry-Paraffin: DPPIV/CD26 Antibody (11D7) [NBP2-02154] - Staining of paraffin-embedded liver tissue using anti-CD26 mouse monoclonal antibody.



## Publications

Ilie DS, Mitroi G, P?un I et al. Pathological and immunohistochemical study of colon cancer. Evaluation of markers for colon cancer stem cells Romanian Journal of Morphology and Embryology 2021-10-10 [PMID: 34609414] (Immunohistochemistry)



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### **Products Related to NBP2-02154**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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