

Product Datasheet

DPPIV/CD26 Antibody (202.36) - Azide and BSA Free NBP2-47256-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-47256-0.1mg

DPPIV/CD26 Antibody (202.36) - Azide and BSA Free

| Product Information | |
|-------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | 1.0 mg/ml |
| Storage | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 202.36 |
| Preservative | No Preservative |
| Isotype | IgG2b Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS |
| Target Molecular Weight | 110 kDa |

| Product Description | |
|-------------------------|--|
| Description | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44571). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| 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 |

| Product Application Details | |
|-----------------------------|--|
| Applications | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready, Immunofluorescence |
| Recommended Dilutions | Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Frozen 0.5 - 1.0 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml, CyTOF-ready |
| Application Notes | Immunohistochemistry (Frozen Only): 1-2ug/ml for 30 minutes at RT. Optimal dilution for a specific application should be determined. |





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Products Related to NBP2-47256-0.1mg

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43317-0.5mg | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) |
| NBP3-21319PEP | DPPIV/CD26 Recombinant Protein Antigen |

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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