

# Product Datasheet

## LMO2 Antibody (4D8) - BSA Free NBP2-37442

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-37442**

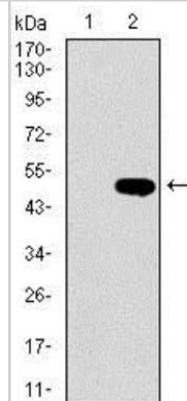
LMO2 Antibody (4D8) - BSA Free

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.1 ml  |
| <b>Concentration</b>               | 1 mg/ml   |
| <b>Storage</b>                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | 4D8   |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG1  |
| <b>Purity</b>                      | Protein G purified  |
| <b>Buffer</b>                      | PBS   |
| <b>Target Molecular Weight</b>     | 18.4 kDa  |
| <b>Product Description</b>         |   |
| <b>Description</b>                 | Novus Biologicals Mouse LMO2 Antibody (4D8) - BSA Free (NBP2-37442) is a monoclonal antibody validated for use in WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 4005  |
| <b>Gene Symbol</b>                 | LMO2  |
| <b>Species</b>                     | Human   |
| <b>Immunogen</b>                   | Purified recombinant fragment of human LMO2 (AA: 1-158) expressed in E. Coli.   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, ELISA, Flow Cytometry, CyTOF-ready  |
| <b>Recommended Dilutions</b>       | Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, CyTOF-ready   |
| <b>Application Notes</b>           | This antibody is Cytof ready.   |

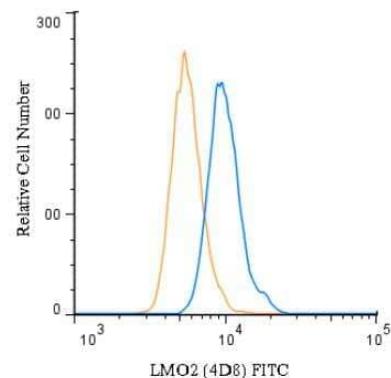


## Images

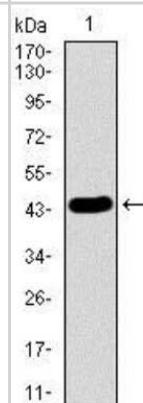
Western Blot: LMO2 Antibody (4D8) [NBP2-37442] - Western blot analysis using LMO2 mAb against HEK293 (1) and LMO2 (AA: 1-158)-hlgGfc transfected HEK293 (2) cell lysate.



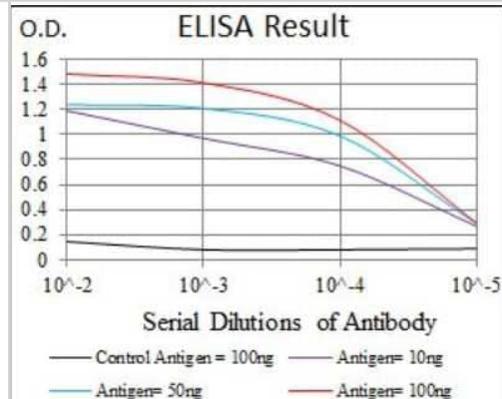
Flow Cytometry: LMO2 Antibody (4D8) [NBP2-37442] - An intracellular stain was performed on U-937 cells with LMO2 Antibody (4D8) NBP2-37442F (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to FITC.



Western Blot: LMO2 Antibody (4D8) [NBP2-37442] - Western blot analysis using LMO2 mAb against human LMO2 recombinant protein. (Expected MW is 43.9 kDa)



ELISA: LMO2 Antibody (4D8) [NBP2-37442] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);





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### **Products Related to NBP2-37442**

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|                  |   |
|------------------|---|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |
| NB110-83978PEP   | LMO2 Antibody Blocking Peptide                          |

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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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