

# Product Datasheet

## Integrin beta 2/CD18 Antibody - BSA Free NBP1-88127

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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**NBP1-88127**

Integrin beta 2/CD18 Antibody - BSA Free

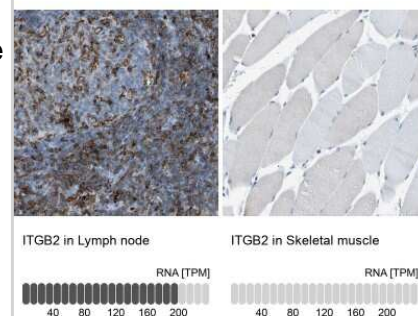
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 ml   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Polyclonal   |
| Preservative        | 0.02% Sodium Azide   |
| Isotype             | IgG  |
| Purity              | Immunogen affinity purified  |
| Buffer              | PBS (pH 7.2) and 40% Glycerol  |

| Product Description |   |
|---------------------|---|
| Host                | Rabbit  |
| Gene ID             | 3689  |
| Gene Symbol         | ITGB2   |
| Species             | Human   |
| Reactivity Notes    | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%), Rat (86%)   |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>LEDNLYKRSNEFDYPSVGQLAHKLAENNIQPIFAVTSRMVKTYEKLTEIIPKSAV<br>GELSESSNVVHLIKNAYNKLSSRVFLDHNALPDTLKVTYDSFCSNGV |

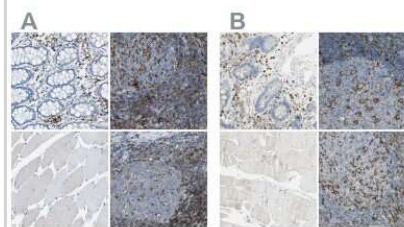
| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.  |

**Images**

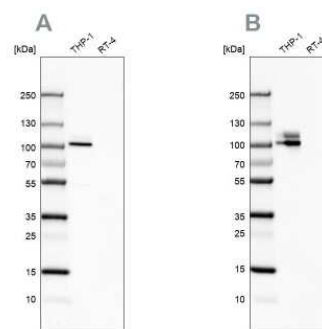
Immunohistochemistry-Paraffin: Integrin beta 2/CD18 Antibody [NBP1-88127] - Analysis in human lymph node and skeletal muscle tissues. Corresponding Integrin beta 2/CD18 RNA-seq data are presented for the same tissues.



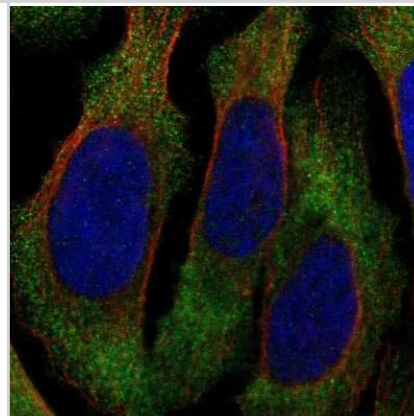
**Immunohistochemistry-Paraffin: Integrin beta 2/CD18 Antibody [NBP1-88127]** - Staining of human gastrointestinal, lymph node, skeletal muscle and tonsil using Anti-Integrin beta 2/CD18 antibody NBP1-88127 (A) shows similar protein distribution across tissues to independent antibody NBP1-88128 (B).



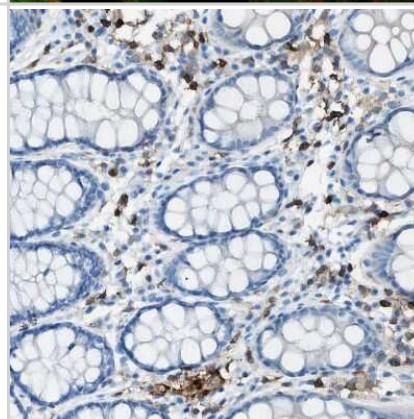
**Western Blot: Integrin beta 2/CD18 Antibody [NBP1-88127]** - Analysis using Anti-ITGB2 antibody NBP1-88127 (A) shows similar pattern to independent antibody NBP1-88128 (B).



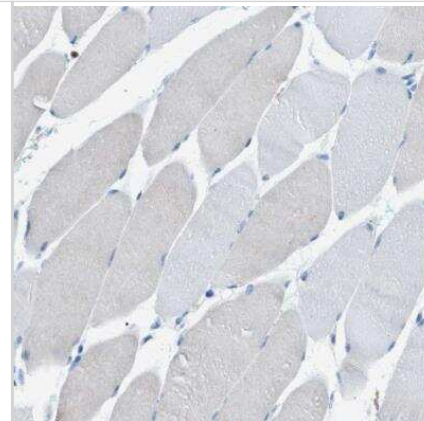
**Immunocytochemistry/Immunofluorescence: Integrin beta 2/CD18 Antibody [NBP1-88127]** - Staining of human cell line U-2 OS shows localization to plasma membrane. Antibody staining is shown in green.



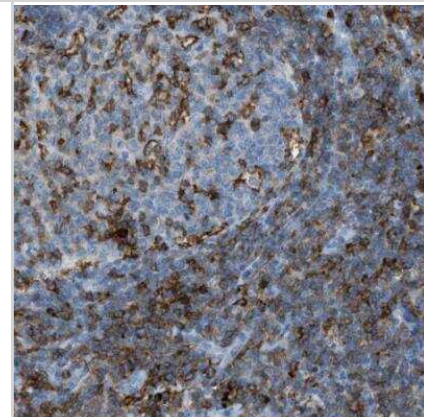
**Immunohistochemistry-Paraffin: Integrin beta 2/CD18 Antibody [NBP1-88127]** - Staining of human colon shows strong membranous positivity in lymphoid cells.



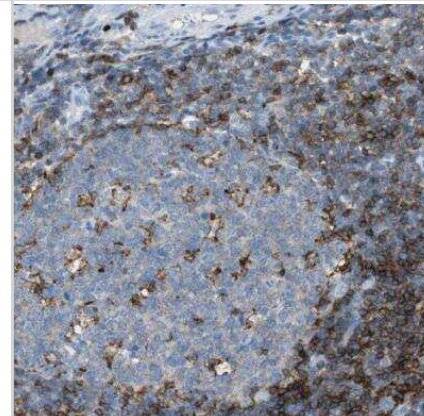
Immunohistochemistry-Paraffin: Integrin beta 2/CD18 Antibody [NBP1-88127] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: Integrin beta 2/CD18 Antibody [NBP1-88127] - Staining of human lymph node shows strong membranous positivity in germinal center cells.



Immunohistochemistry-Paraffin: Integrin beta 2/CD18 Antibody [NBP1-88127] - Staining of human tonsil shows strong membranous positivity in germinal center cells.





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### **Products Related to NBP1-88127**

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|               |   |
|---------------|---|
| NBP1-88127PEP | Integrin beta 2/CD18 Recombinant Protein Antigen    |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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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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