

# Product Datasheet

## Integrin alpha 3/CD49c Antibody (29A3) [PE] NBP1-97692PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-97692PE**

Integrin alpha 3/CD49c Antibody (29A3) [PE]

| 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               | 29A3                                                                                        |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1                                                                                        |
| Conjugate           | PE                                                                                          |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | PBS                                                                                         |

| Product Description     |                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.                                                                                                                           |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                           |
| Gene ID                 | 3675                                                                                                                                                                                                                                                                                                            |
| Gene Symbol             | ITGA3                                                                                                                                                                                                                                                                                                           |
| Species                 | Human, Porcine                                                                                                                                                                                                                                                                                                  |
| Reactivity Notes        | A broad species reactivity is expected based on the conserved nature of the epitope. Use in Porcine reported in scientific literature (PMID:32211117).                                                                                                                                                          |
| Specificity/Sensitivity | This antibody recognizes specifically the cytoplasmic domain of Integrin alpha 3/CD49c which is present in the basal cell layer in skin, glomeruli, Bowman's capsules and distal tubuli in kidney, all vascular and capillary endothelia in brain, heart and skin, and vascular smooth muscle cells in heart.   |
| Immunogen               | Derived by fusion of SP2/0 Mouse myeloma cells with spleen cells from a BALB/c Mouse immunized with a synthetic peptide corresponding to the cytoplasmic domain of the Integrin alpha 3/CD49c including an additional N-terminal cysteine (CRTRALYEAKRQKAEMKSPSETERLTDDY) coupled to keyhole limpet hemocyanin. |

| Product Application Details |                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined..                                  |



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**Products Related to NBP1-97692PE**

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|               |                                                    |
|---------------|----------------------------------------------------|
| NBP1-97005PE  | Mouse IgG1 Isotype Control (MG1) [PE]              |
| NBP2-48514PEP | Integrin alpha 3/CD49c Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]                           |
| NBL1-12063    | Integrin alpha 3/CD49c Overexpression Lysate       |

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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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