

# Product Datasheet

## Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody (6E3J0) NBP3-16916-100ul

Unit Size: 100 ul

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

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**NBP3-16916-100ul**

Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody (6E3J0)

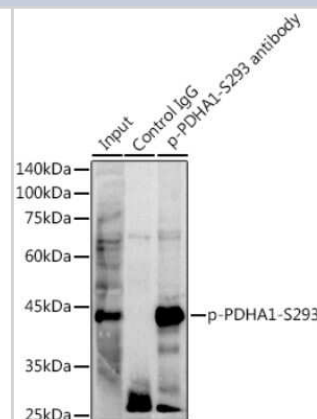
| Product Information     |                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------|
| Unit Size               | 100 ul                                                                                      |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage                 | Store at -20C. Avoid freeze-thaw cycles.                                                    |
| Clonality               | Monoclonal                                                                                  |
| Clone                   | 6E3J0                                                                                       |
| Preservative            | 0.05% Proclin 300                                                                           |
| Isotype                 | IgG                                                                                         |
| Purity                  | Affinity purified                                                                           |
| Buffer                  | PBS (pH 7.3), 50% glycerol, 0.05% BSA                                                       |
| Target Molecular Weight | 43 kDa                                                                                      |

| Product Description |                                                                                                                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody (6E3J0) (NBP3-16916) is a recombinant monoclonal antibody validated for use in WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                                                             |
| Gene ID             | 5160                                                                                                                                                                                                                                               |
| Gene Symbol         | PDHA1                                                                                                                                                                                                                                              |
| Species             | Human, Mouse, Rat                                                                                                                                                                                                                                  |
| Immunogen           | A synthetic phosphorylated peptide around S293 of human Pyruvate Dehydrogenase E1-alpha subunit (P08559).<br>LMELQTYRYHGHSMSPGVSYRTREEIQE                                                                                                          |

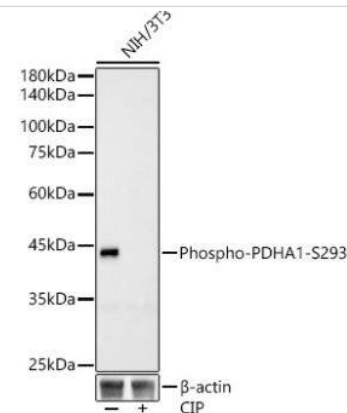
| Product Application Details |                                                                                                               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunoprecipitation                                                                             |
| Recommended Dilutions       | Western Blot 1:2000 - 1:20000, Immunoprecipitation 0.5ug-4ug antibody for 200ug-400ug extracts of whole cells |

**Images**

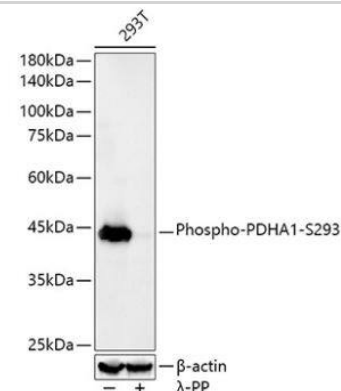
Immunoprecipitation: Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody (9S3I4) [NBP3-16916] - Immunoprecipitation analysis of 300ug extracts of NIH/3T3 cells using 3ug Pyruvate Dehydrogenase E1-alpha subunit antibody (NBP3-16916). Western blot was performed from the immunoprecipitate using Pyruvate Dehydrogenase E1-alpha subunit antibody (NBP3-16916) at a dilution of 1:1000.



Western Blot: Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody (9S3I4) [NBP3-16916] -analysis of lysates from HeLa cells, using Phospho-PDHA1-S293 Rabbit mAb at 1:23000 dilution. NIH/3T3 cells were treated by CIP (20uL/400ul) at 37°C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



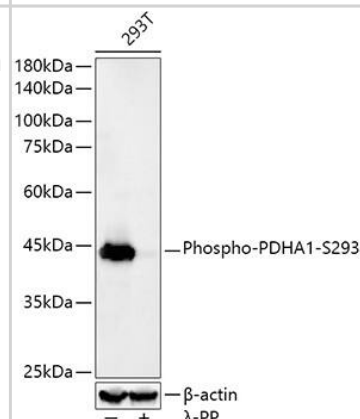
Western Blot: Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody (9S3I4) [NBP3-16916] -analysis of lysates from HeLa cells, using Phospho-PDHA1-S293 Rabbit mAb at 1:23000 dilution. 293T cells were treated by λ-PP mixed solution (1ul) at 30°C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western Blot: Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody (6E3J0) [NBP3-16916] - Western blot analysis of lysates from HeLa cells, using Pyruvate Dehydrogenase E1-alpha subunit Rabbit mAb at 1:23000 dilution. 293T cells were treated by lambda-PP mixed solution (1ul) at 30°C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western Blot: Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody (6E3J0) [Pyruvate Dehydrogenase E1-alpha subunit] - Western blot analysis of lysates from HeLa cells, using Pyruvate Dehydrogenase E1-alpha subunit Rabbit mAb at 1:23000 dilution. 293T cells were treated by lambda-PP mixed solution (1ul) at 30°C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.





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### **Products Related to NBP3-16916-100ul**

|                |                                                                   |
|----------------|-------------------------------------------------------------------|
| HAF008         | Goat anti-Rabbit IgG Secondary Antibody [HRP]                     |
| NB7160         | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]               |
| NBP2-24891     | Rabbit IgG Isotype Control                                        |
| NB110-93479PEP | Pyruvate Dehydrogenase E1-alpha subunit Antibody Blocking Peptide |

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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