

# 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	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	43 kDa

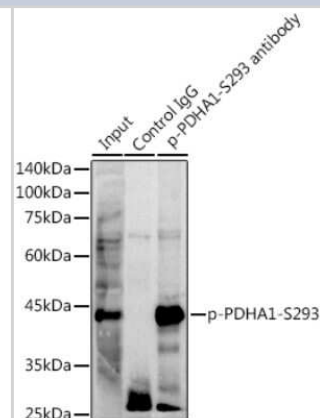
Product Description	
Description	Novus Biologicals Rabbit Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody (6E3J0) (NBP3-16916) is a recombinant monoclonal antibody validated for use in WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5160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

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

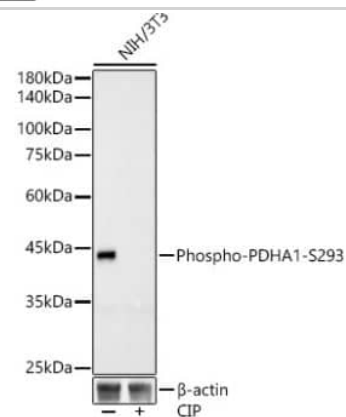


## Images

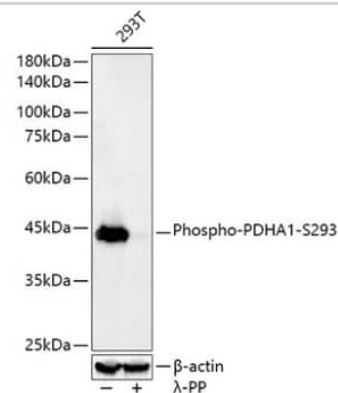
Immunoprecipitation: Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody (9S3I4) [NBP3-16916] - Immunoprecipitation analysis of 300ug extracts of NIH/3T3 cells using 3ug Pyruvate Dehydrogenase E1-alpha subunit antibody (NBP3-16916). Western blot was performed from the immunoprecipitate using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



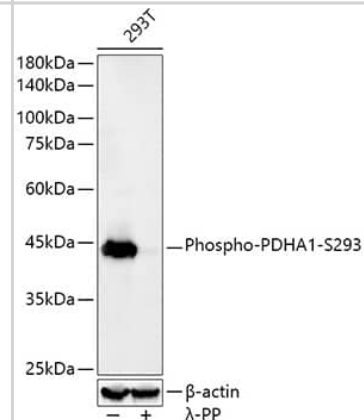
Western Blot: Pyruvate Dehydrogenase E1-alpha subunit [p Ser293] Antibody (9S3I4) [NBP3-16916] -analysis of lysates from HeLa cells, using Phospho-PDHA1-S293 Rabbit mAb at 1:23000 dilution. NIH/3T3 cells were treated by CIP (20uL/400ul) at 37°C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (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.





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

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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