

# Product Datasheet

## PUS7 Antibody (OTI5F12) NBP2-03112

Unit Size: 0.1 ml

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

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Updated 9/9/2025 v.20.1

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**NBP2-03112**

PUS7 Antibody (OTI5F12)

**Product Information**

|                                |                                          |
|--------------------------------|------------------------------------------|
| <b>Unit Size</b>               | 0.1 ml                                   |
| <b>Concentration</b>           | 1 mg/ml                                  |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                               |
| <b>Clone</b>                   | OTI5F12                                  |
| <b>Preservative</b>            | 0.02% Sodium Azide                       |
| <b>Isotype</b>                 | IgG2a                                    |
| <b>Purity</b>                  | Immunogen affinity purified              |
| <b>Buffer</b>                  | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |
| <b>Target Molecular Weight</b> | 74.9 kDa                                 |

**Product Description**

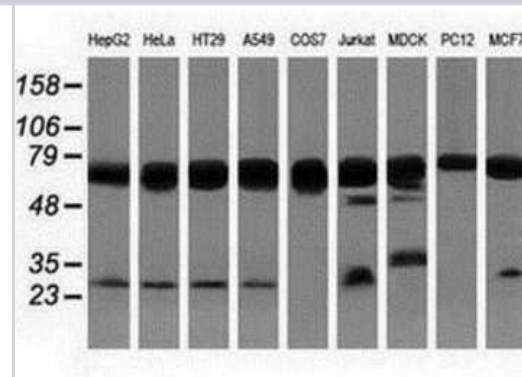
|                         |                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Novus Biologicals Mouse PUS7 Antibody (OTI5F12) (NBP2-03112) is a monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                             |
| <b>Host</b>             | Mouse                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene ID</b>          | 54517                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Symbol</b>      | PUS7                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human, Mouse, Rat, Canine, Primate, Monkey                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity Notes</b> | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| <b>Immunogen</b>        | Full length human recombinant protein of human PUS7 (NP_061915) produced in HEK293T cell.                                                                                                                                                                                                                                                       |

**Product Application Details**

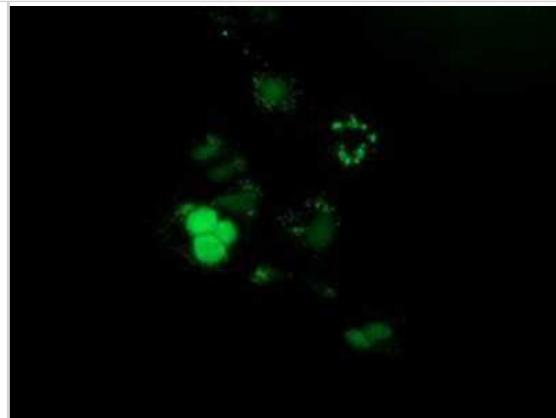
|                              |                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence                        |
| <b>Recommended Dilutions</b> | Western Blot 1:500-2000, Flow Cytometry 1:100, Immunocytochemistry/ Immunofluorescence 1:100 |

**Images**

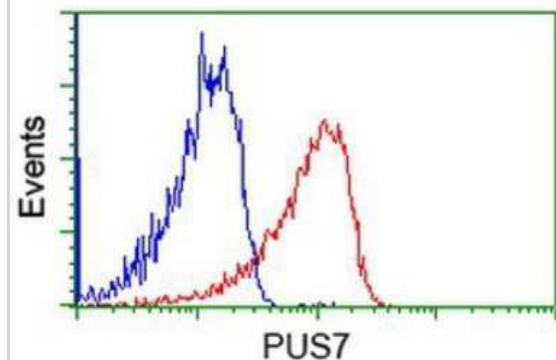
Western Blot: PUS7 Antibody (5F12) [NBP2-03112] Analysis of extracts (35ug) from 9 different cell lines by using anti-PUS7 monoclonal antibody.



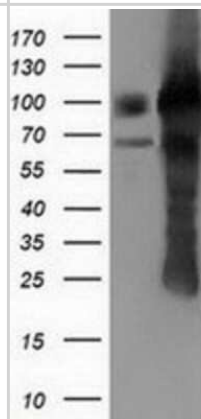
Immunocytochemistry/Immunofluorescence: PUS7 Antibody (5F12) [NBP2-03112] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PUS7.



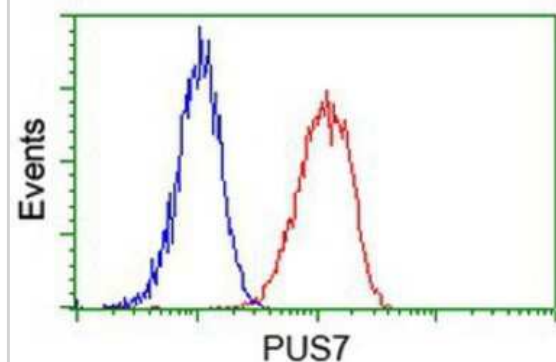
Flow Cytometry: PUS7 Antibody (5F12) [NBP2-03112] - Analysis of Jurkat cells, using anti-PUS7 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Western Blot: PUS7 Antibody (5F12) [NBP2-03112] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PUS7 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PUS7.



Flow Cytometry: PUS7 Antibody (5F12) [NBP2-03112] - Analysis of Hela cells, using anti-PUS7 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-03112**

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|               |                                                         |
|---------------|---------------------------------------------------------|
| HAF007        | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B       | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96778    | Mouse IgG2a Isotype Control (M2A)                       |
| NBP1-83652PEP | PUS7 Recombinant Protein Antigen                        |

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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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