# **Product Datasheet**

# PALS1/MPP5 Antibody (OTI2D3) - Azide and BSA Free NBP2-73234

Unit Size: 100 ug

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

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# NBP2-73234

PALS1/MPP5 Antibody (OTI2D3) - Azide and BSA Free

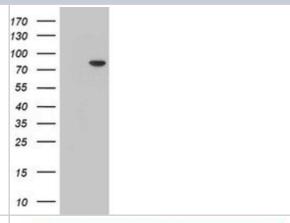
| PALS1/MPP5 Antibody (OTI2D3) - Azide and BSA Free |  |
|---|--|
| Product Information                               |  |
| Unit Size   | 100 ug   |
| Concentration                                     | LYOPH mg/ml  |
| Storage   | Store at -20C. Avoid freeze-thaw cycles.   |
| Clonality   | Monoclonal   |
| Clone   | OTI2D3   |
| Preservative                                      | No Preservative  |
| Reconstitution Instructions                       | we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. |
| Isotype   | IgG2a  |
| Purity  | Immunogen affinity purified  |
| Buffer  | Lyophilized from PBS (pH 7.3) with 8% Trehalose  |
| Target Molecular Weight                           | 77.1 kDa   |
| Product Description                               |  |
| Host  | Mouse  |
| Gene ID   | 64398  |
| Gene Symbol                                       | PALS1  |
| Species   | Human, Mouse, Rat, Canine  |
| Immunogen   | Full length human recombinant protein of human MPP5(NP_071919) produced in HEK293T cell.   |
| Product Application Details                       |  |
| Applications                                      | Western Blot, Flow Cytometry, CyTOF-ready  |
|   |  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Flow Cytometry, CyTOF-ready                  |
| Recommended Dilutions       | Western Blot 1:500-2000, Flow Cytometry 1:100, CyTOF-ready |

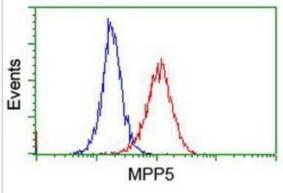


### **Images**

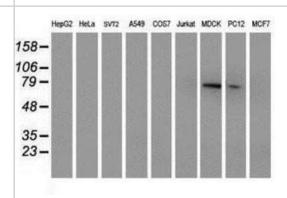
Western Blot: PALS1/MPP5 Antibody (OTI2D3) - Azide and BSA Free [NBP2-73234] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MPP5 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MPP5.



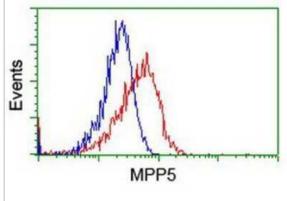
Flow Cytometry: PALS1/MPP5 Antibody (OTI2D3) - Azide and BSA Free [NBP2-73234] - Analysis of Jurkat cells, using anti-MPP5 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Western Blot: PALS1/MPP5 Antibody (OTI2D3) - Azide and BSA Free [NBP2-73234] - Analysis of extracts (35ug) from 9 different cell lines by using anti-MPP5 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Flow Cytometry: PALS1/MPP5 Antibody (OTI2D3) - Azide and BSA Free [NBP2-73234] - Analysis of Hela cells, using anti-MPP5 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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# **Products Related to NBP2-73234**

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)

H00064398-P01-10ug Recombinant Human PALS1/MPP5 GST (N-Term) Protein

#### 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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