

# Product Datasheet

## PLA2G2A Antibody (JE41-02)

### NBP3-32775

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32775**

PLA2G2A Antibody (JE41-02)

| Product Information         |                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                 |
| Concentration               | 1 mg/ml                                                                                |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality                   | Monoclonal                                                                             |
| Clone                       | JE41-02                                                                                |
| Preservative                | 0.05% Sodium Azide                                                                     |
| Isotype                     | IgG                                                                                    |
| Purity                      | Protein A purified                                                                     |
| Buffer                      | 1*TBS (pH7.4), 0.05% BSA and 40% Glycerol                                              |
| Target Molecular Weight     | 16 kDa                                                                                 |
| Product Description         |                                                                                        |
| Host                        | Rabbit                                                                                 |
| Gene ID                     | 5320                                                                                   |
| Gene Symbol                 | PLA2G2A                                                                                |
| Species                     | Human, Mouse, Rat                                                                      |
| Immunogen                   | Synthetic peptide within Human PLA2G2A aa 95-144 / 144. (Uniprot: P14555)              |
| Product Application Details |                                                                                        |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                      |
| Recommended Dilutions       | Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000        |



## Images

Western Blot: PLA2G2A Antibody (JE41-02) [NBP3-32775] - Western blot analysis of PLA2G2A on different lysates with Rabbit anti-PLA2G2A antibody (NBP3-32775) at 1/1,000 dilution.

Lane 1: HeLa cell lysate (20 ug/Lane)  
 Lane 2: A549 cell lysate (20 ug/Lane)  
 Lane 3: HT-29 cell lysate (20 ug/Lane)  
 Lane 4: HepG2 cell lysate (20 ug/Lane)  
 Lane 5: Rat liver tissue lysate (40 ug/Lane)  
 Lane 6: Rat spleen tissue lysate (40 ug/Lane)

Predicted band size: 16 kDa  
 Observed band size: 14 kDa

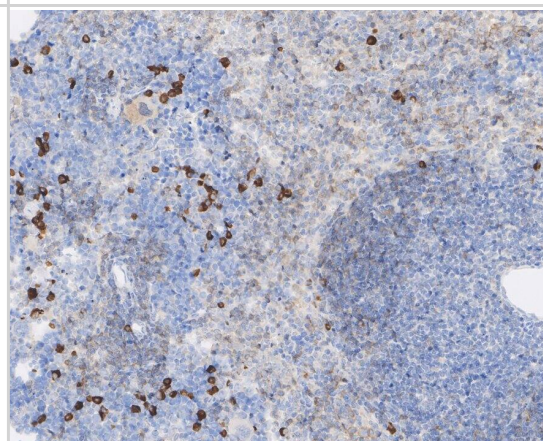
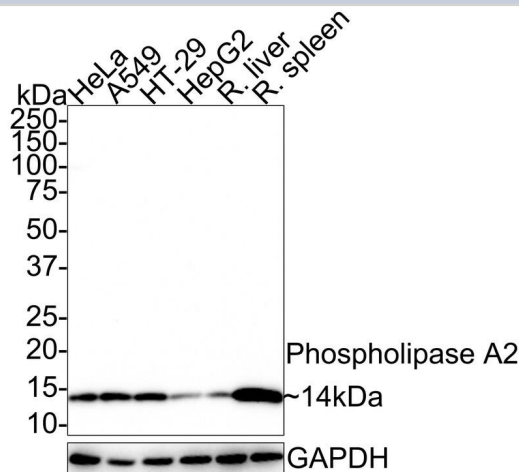
Exposure time: 1 minute 40 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32775) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: PLA2G2A Antibody (JE41-02) [NBP3-32775] - Immunohistochemical analysis of paraffin-embedded mouse spleen tissue with Rabbit anti-PLA2G2A antibody (NBP3-32775) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32775) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **Products Related to NBP3-32775**

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|            |                                                     |
|------------|-----------------------------------------------------|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control                          |
| 210-TA-005 | TNF-alpha [Unconjugated]                            |

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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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