

## Rabbit anti-Human sPLA2-IIID Polyclonal Antibody | anti-sPLA2-IIID antibody

Rabbit anti-sPLA2-IIID Antibody

|                               |                       |                            |                                                         |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA220149</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------|

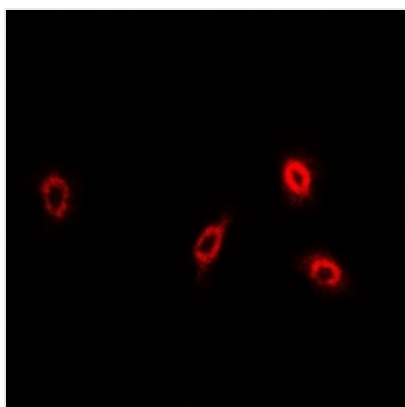
### PRODUCT SYNONYMS

sPLA2-IIID; Polyclonal Antibody; Rabbit anti-sPLA2-IIID Antibody; SPLASH; Group IID secretory phospholipase A2; GIID sPLA2; PLA2IID; Phosphatidylcholine 2-acylhydrolase 2D; Secretory-type PLA; stroma-associated homolog; anti-sPLA2-IIID antibody

### PRODUCT SPECIFICATIONS

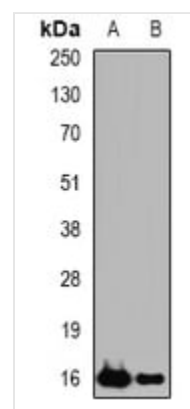
|                                                      |                                                                                                           |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                                 | Rabbit                                                                                                    |
| Reactivity                                           | Human                                                                                                     |
| Clonality                                            | Polyclonal                                                                                                |
| Purity/Purification                                  | The antibody was purified by immunogen affinity chromatography.                                           |
| Form/Format                                          | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Concentration                                        | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-sPLA2-IIID antibody | IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                          |
| Immunogen                                            | Recombinant full length protein of human sPLA2-IIID                                                       |
| Preparation and Storage                              | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of sPLA2-IIID staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of sPLA2-IIID expression in Hela (A), THP1 (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                       |                    |
|-------------------------------------------------------|--------------------|
| Product Categories/Family for anti-sPLA2-IID antibody | Primary antibodies |
|-------------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 20139286                                                                                                                                                             |
| NCBI GeneID                      | 26279                                                                                                                                                                |
| UniProt Accession #              | Q9UNK4; Q9UK01; A8K2Z1; B1AEL9                                                                                                                                       |
| Molecular Weight                 | 145                                                                                                                                                                  |
| NCBI Official Full Name          | Group IID secretory phospholipase A2                                                                                                                                 |
| NCBI Official Synonym Full Names | phospholipase A2, group IID                                                                                                                                          |
| NCBI Official Symbol             | PLA2G2D                                                                                                                                                              |
| NCBI Official Synonym Symbols    | SPLASH; sPLA2S; PLA2IID; sPLA2-IID                                                                                                                                   |
| NCBI Protein Information         | group IID secretory phospholipase A2; GIID sPLA2; secretory phospholipase A2s; phosphatidylcholine 2-acylhydrolase 2D; secretory-type PLA, stroma-associated homolog |
| UniProt Protein Name             | Group IID secretory phospholipase A2                                                                                                                                 |
| UniProt Gene Name                | PLA2G2D                                                                                                                                                              |
| UniProt Synonym Gene Names       | SPLASH; GIID sPLA2; sPLA2-IID                                                                                                                                        |
| UniProt Entry Name               | PA2GD_HUMAN                                                                                                                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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