

# Product Datasheet

## Secretory phospholipase A2 Type V Antibody - BSA Free NBP2-31558

Unit Size: 0.1 ml

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

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**NBP2-31558**

Secretory phospholipase A2 Type V Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

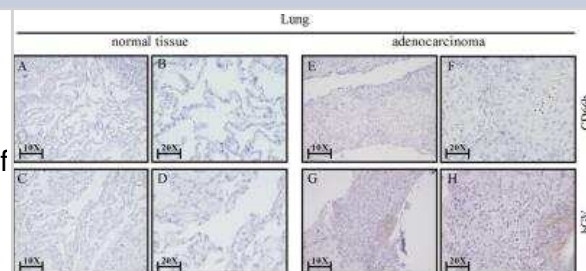
Product Description	
Host	Rabbit
Gene ID	5322
Gene Symbol	PLA2G5
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (89%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: GLLDLKSMIEKVTGKNALTNYGFYGCYC

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

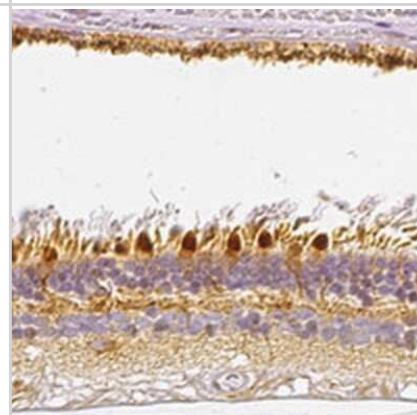


## Images

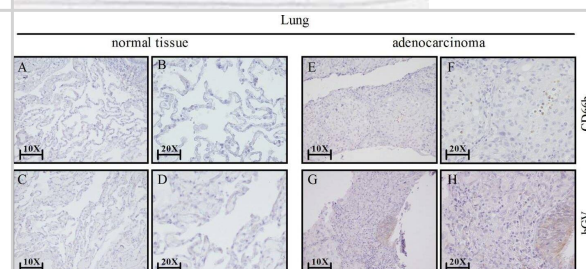
**Immunohistochemistry: Secretory phospholipase A2 Type V Antibody [NBP2-31558]** - Lung cancer express human group V (hGV) and neutrophils (CD66b+ cells). Sections of non-tumor (A-D) and tumor lung tissues (E-H) were stained for hGV [(C,D,G,H); brown] or CD66b [(A,B,E,F); brown]. Panels (B,D,F,H) display higher magnification (20x) of panels (A,C,E,G) (10x), respectively. Image collected and cropped by CiteAb from the following publication ([journal.frontiersin.org/article/10.3389/fimmu.2017.00443/full](https://journal.frontiersin.org/article/10.3389/fimmu.2017.00443/full)), licensed under a CC-BY license.



**Immunohistochemistry-Paraffin: Secretory phospholipase A2 Type V Antibody [NBP2-31558]** - Staining of human retina shows strong cytoplasmic positivity in photoreceptor cells.



Lung cancer express human group V (hGV) and neutrophils (CD66b+ cells). Sections of non-tumor (A–D) and tumor lung tissues (E–H) were stained for hGV [(C,D,G,H); brown] or CD66b [(A,B,E,F); brown]. Panels (B,D,F,H) display higher magnification (20×) of panels (A,C,E,G) (10×), respectively.



## Publications

Loffredo S, Borriello F, Iannone R et al. Group V Secreted Phospholipase A2 Induces the Release of Proangiogenic and Antiangiogenic Factors by Human Neutrophils. *Front Immunol.* 2017-05-01 [PMID: 28458672] (IHC-P, Human)



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### **Products Related to NBP2-31558**

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NBP2-31558PEP	Secretory phospholipase A2 Type V Recombinant Protein Antigen
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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