

# Product Datasheet

## Spi-B Antibody (4G5) - BSA Free NBP2-37458

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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**NBP2-37458**

Spi-B Antibody (4G5) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4G5
<b>Preservative</b>	0.03% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites
<b>Target Molecular Weight</b>	28.8 kDa

**Product Description**

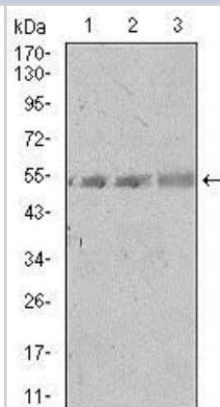
<b>Host</b>	Mouse
<b>Gene ID</b>	6689
<b>Gene Symbol</b>	SPIB
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
<b>Immunogen</b>	Purified recombinant fragment of human Spi-B (AA: 200-252) expressed in E. Coli.

**Product Application Details**

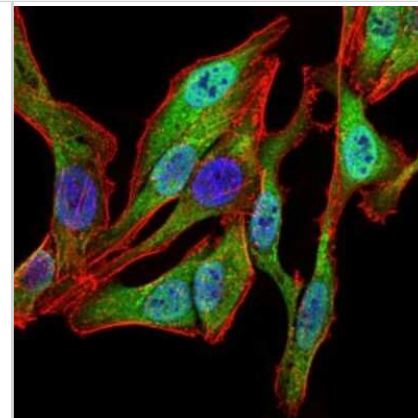
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

**Images**

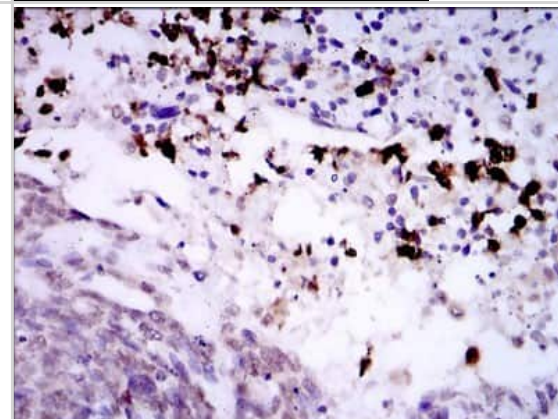
Western Blot: Spi-B Antibody (4G5) [NBP2-37458] - Analysis using SPIB mouse mAb against A549 (1), PC-3 (2), and NIH3T3 (3) cell lysate.



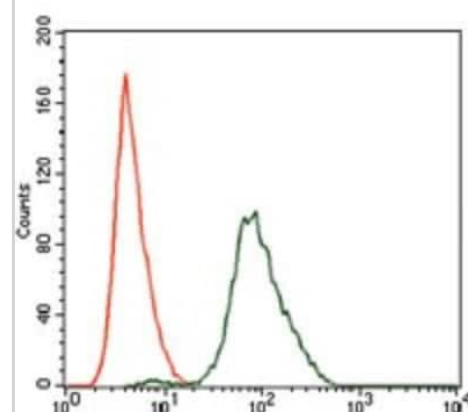
Immunocytochemistry/Immunofluorescence: Spi-B Antibody (4G5) [NBP2-37458] - Analysis of HeLa cells using SPIB mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



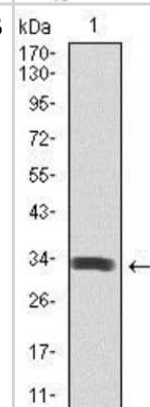
Immunohistochemistry-Paraffin: Spi-B Antibody (4G5) [NBP2-37458] - Analysis of paraffin-embedded esophageal cancer with DAB staining.



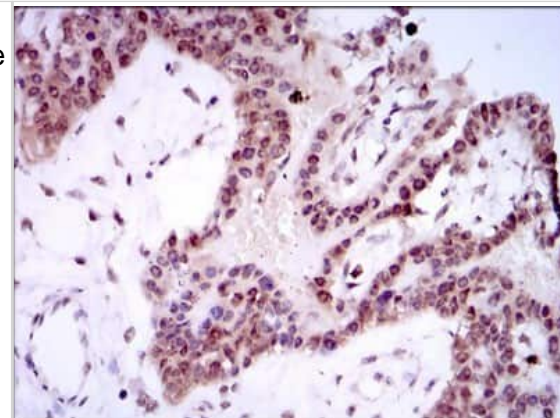
Flow Cytometry: Spi-B Antibody (4G5) [NBP2-37458] - Analysis of NIH3T3 cells using SPIB mouse mAb (green) and negative control (red).



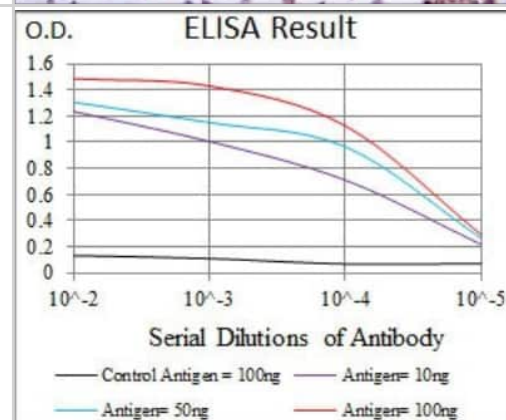
Western Blot: Spi-B Antibody (4G5) [NBP2-37458] - Analysis using SPIB mAb against human SPIB recombinant protein. (Expected MW is 32 kDa)



Immunohistochemistry-Paraffin: Spi-B Antibody (4G5) [NBP2-37458] - Analysis of paraffin-embedded ovarian cancer tissues using SPIB mouse mAb with DAB staining.



ELISA: Spi-B Antibody (4G5) [NBP2-37458] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Ariga Y, Low S, Hoshino H et al. Expression and Clinical Significance of Spi-B in B-cell Acute Lymphoblastic Leukemia The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society 2022-09-28 [PMID: 36169277]



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### **Products Related to NBP2-37458**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00006689-P01-10ug	Recombinant Human Spi-B GST (N-Term) Protein

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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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