

# Product Datasheet

## CD23/Fc epsilon RII Antibody (SP23) NB120-16702-500uL

Unit Size: 500 uL

Store at 4C.

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**NB120-16702-500uL**

CD23/Fc epsilon RII Antibody (SP23)

**Product Information**

<b>Unit Size</b>	500 uL
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SP23
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	Tissue culture supernatant

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	2208
<b>Gene Symbol</b>	FCER2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Cross-reacts with Human. Not yet tested in other species.
<b>Specificity/Sensitivity</b>	This antibody recognizes CD23, a 45 kDa glycoprotein which is present on a subpopulation of freshly isolated peripheral blood and tonsil B cells. It is strongly expressed on EBV-transformed B lymphoblasts. The CD23 molecule is identical to the low affinity IgE receptor found on B cells. Expression of CD23 has been detected in neoplastic cells from cases of B cell chronic lymphocytic leukemia and some cases of centroblastic/centrocytic lymphoma.
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 48-248 of Human CD23.

**Product Application Details**

<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:25-1:50, Immunohistochemistry-Paraffin 1:25-1:50
<b>Application Notes</b>	IHC-P: recommended pretreatment of citrate buffer, pH 6.0. Recommended incubation time of 30-60 min at RT.

**Images**

Immunohistochemistry-Paraffin: CD23/Fc epsilon RII Antibody (SP23) [NB120-16702] - Formalin fixed paraffin embedded human tonsil stained with CD23 antibody (NB120-16702).



## Publications

Werner F, Wagner C, Simon M et al. A Standardized Analysis of Tertiary Lymphoid Structures in Human Melanoma: Disease Progression- and Tumor Site-Associated Changes With Germinal Center Alteration *Frontiers in Immunology* 2021-06-24 [PMID: 34248957] (Immunohistochemistry)

Griss J, Bauer W, Wagner C et al. B cells sustain inflammation and predict response to immune checkpoint blockade in human melanoma *Nat Commun* 2019-09-13 [PMID: 31519915] (IHC-P, Human)





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### **Products Related to NB120-16702-500uL**

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NBL1-10652	CD23/Fc epsilon RII Overexpression Lysate
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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