

# Product Datasheet

## CD79A Antibody (HM57) [Allophycocyanin] NB100-64347APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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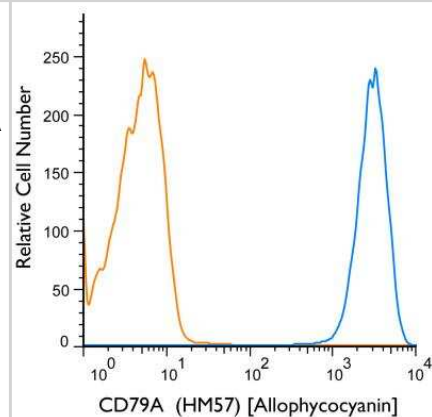
**NB100-64347APC**

CD79A Antibody (HM57) [Allophycocyanin]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HM57
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Allophycocyanin
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
<b>Host</b>	Mouse
<b>Gene ID</b>	973
<b>Gene Symbol</b>	CD79A
<b>Species</b>	Human
<b>Reactivity Notes</b>	Cross reacts with Red Deer, Fallow Deer and American Bison. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	NB100-64347 recognizes an epitope within the cytoplasmic domain of CD79a. CD79a, also known as mb-1, is a 45kD protein that is expressed by B lymphocytes during differentiation from early pre-B cell stage through to plasma cells. The CD79a molecule associates with CD79b (B29) to form a heterodimer that is non-covalently linked to surface immunoglobulin, forming the B-cell receptor (BCR) complex. The CD79a/CD79b heterodimers are also necessary for intracellular signalling following antigen-binding to surface immunoglobulin. Clone HM57 has been reported to work in western blotting applications.
<b>Immunogen</b>	Synthetic peptide corresponding to 202-216 amino acid sequence of human mb-1
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen

## Images

Flow Cytometry: CD79A Antibody (HM57) [Allophycocyanin] [NB100-64347APC] - An intracellular stain was performed on Daudi cells with CD79A (HM 57) antibody NB100-64347APC (blue) and a matched isotype control NBP1-97005APC (orange). Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 0.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Allophycocyanin.





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### **Products Related to NB100-64347APC**

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NBP1-97005APC	Mouse IgG1 Isotype Control (MG1) [Allphycocyanin]
NB100-64347UV	CD79A Antibody (HM57) [DyLight 350]
NBP2-60209-50ug	Recombinant Human CD79A His Protein
7268-CT-100	CTLA-4 [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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