

Product Datasheet

CD38 Antibody (HB7) [Allophycocyanin/Cy7] - Chimeric NBP2-52647APCCY7

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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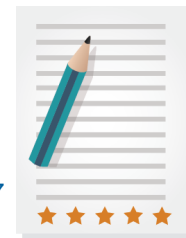
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NBP2-52647APCCY7

CD38 Antibody (HB7) [Allophycocyanin/Cy7] - Chimeric

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. Do not freeze. |
| Clonality | Monoclonal |
| Clone | HB7 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG Kappa |
| Conjugate | Allophycocyanin/Cy7 |
| Purity | Protein A purified |
| Buffer | PBS |
| Product Description | |
| Host | Rabbit |
| Gene ID | 952 |
| Gene Symbol | CD38 |
| Species | Human |
| Reactivity Notes | Human |
| Specificity/Sensitivity | This antibody binds to an epitope between amino acids 273-285 of human CD38, an approximately 45 kDa type II transmembrane protein, expressed on essentially all pre-B lymphocytes, plasma cells, and thymocytes. Also present on activated T lymphocytes, natural killer (NK) lymphocytes, myeloblasts, and erythroblasts. Bimodally expressed during B cell development, modulating from high in immature cells to low in intermediate ones and back to high on mature B cells. This antibody competes with clone AT13/5 (Ab00289) (Ellis 1995). |
| Immunogen | This CD38 Antibody (HB7) - Chimeric was developed against viable cells (1×10^7) of the human cell line, BJAB (Human Burkitt lymphoma B cell line), which were injected intraperitoneally into 8-week-old BALB/c mice. |
| Product Application Details | |
| Applications | Flow Cytometry |
| Recommended Dilutions | Flow Cytometry |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at technical@novusbio.com if you have any questions. |





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Products Related to NBP2-52647APCCY7

| | |
|-------------------|------------------------------------|
| NBP2-52339-0.05mg | Recombinant Human CD38 His Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 2404-AC-010 | CD38 [Unconjugated] |
| M6000B-1 | IL-6 [HRP] |

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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