

# Product Datasheet

## CD5 Antibody (CRIS-1) [Alexa Fluor® 488] NBP2-34598AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34598AF488**

CD5 Antibody (CRIS-1) [Alexa Fluor® 488]

| 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.  |
| Clonality           | Monoclonal  |
| Clone               | CRIS-1  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG2a Kappa   |
| Conjugate           | Alexa Fluor 488   |
| Purity              | Protein A or G purified   |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 921  |
| Gene Symbol             | CD5  |
| Species                 | Human, Rhesus Macaque  |
| Marker                  | Mantle Cell Lymphoma Marker  |
| Specificity/Sensitivity | Recognizes a 67kDa transmembrane protein, which is identified as CD5 (HLDA I; WS Code T 29HLDA III; WS Code T 530). The CD5 antigen is found on 95% of thymocytes and 72% of peripheral blood lymphocytes. In lymph nodes, the main reactivity is observed in T cell areas. Anti-CD5 is a pan T-cell marker that also reacts with a range of neoplastic B-cells, e.g. chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL), mantle cell lymphoma, and a subset (~10%) of diffuse large B-cell lymphoma. CD5 aberrant expression is useful in making a diagnosis of mature T-cell neoplasms.   |
| Immunogen               | Stimulated human leukocytes  |
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**Product Application Details**

|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready |
| <b>Recommended Dilutions</b> | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready |

## Images

CD5 Antibody (CRIS-1) [Alexa Fluor® 488]



Alexa Fluor® 488

| LASER (nm) | FILTER |
|------------|--------|
| Blue (488) | 525/50 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 490                 | 525               |



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-34598AF488**

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|                 |   |
|-----------------|---|
| NBP1-96981AF488 | Mouse IgG2a Kappa Isotype Control (M2AK) [Alexa Fluor® 488] |
| NBP2-38900PEP   | CD5 Recombinant Protein Antigen                             |
| 6507-IL-010/CF  | IL-4 [Unconjugated]   |
| 1636-CD-050     | CD5   |

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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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