

# Product Datasheet

## Intracellular Staining Kit

### NBP2-26248

Unit Size: 1 Kit

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

#### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-26248](http://www.novusbio.com/NBP2-26248)

Updated 2/27/2023 v.20.1

### Earn rewards for product reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-26248](http://www.novusbio.com/reviews/destination/NBP2-26248)



**NBP2-26248**

## Intracellular Staining Kit

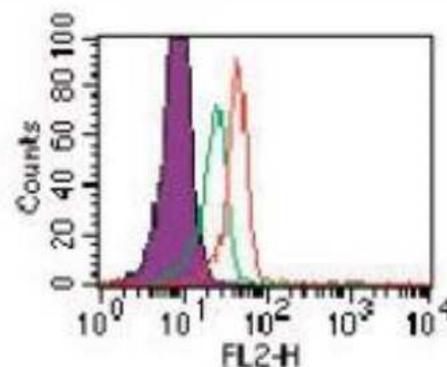
Product Information	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C. Do not freeze.

Product Description	
<b>Description</b>	This kit is optimized for intracellular staining of cells in flow cytometric or immunocytochemical applications. It is designed and optimized to minimize non-specific staining while maximizing signal-to-noise ratio for clear and consistent data.
<b>Kit Components</b>	1X Staining buffer (2 x 60 mL), 1X Fixation buffer (1 x 60 mL), 10X Permeabilization buffer (2 x 60 mL)

Product Application Details	
<b>Applications</b>	Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry
<b>Application Notes</b>	Fixation buffer is used to "fix" the cells/cellular proteins prior to permeabilization. Permeabilization buffer permeabilizes the cell membrane, allowing the detecting antibodies access to intracellular proteins.

**Images**

Flow Cytometry: Intracellular Staining Kit [NBP2-26248] - TLR3 in human PBMCs using anti-TLR3 monoclonal antibody and Intracellular Staining Flow Kit. The shaded histogram represents cells without antibody; green represents an isotype control; red represents anti-TLR3 antibody.

**Publications**

Klonowska-Szymczyk A, Wolska A, Robak T. Expression of Toll-Like Receptors 3, 7, and 9 in Peripheral Blood Mononuclear Cells from Patients with Systemic Lupus Erythematosus. *Mediators Inflamm* 2014-04-03 [PMID: 24692849]

Nasr AS, Fawzy SM, Gheita TA, El-Khateeb E. Expression of Toll-like receptors 3 and 9 in Egyptian systemic lupus erythematosus patients. *Z Rheumatol*. 2015-12-17 [PMID: 26680366] (FLOW)

Burgener IA, Jungi TW. Antibodies specific for human or murine Toll-like receptors detect canine leukocytes by flow cytometry. *Vet Immunol Immunopathol*. 2008-07-15 [PMID: 18439687] (Flow Cytometry Control, Canine)

## Details:

Canine (dog) PBMC subpopulations: 1. 10083K [IC-Flow (Intracellular Staining Flow Assay) Kit.



### **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

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-26248](http://www.novusbio.com/reviews/submit/NBP2-26248)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

