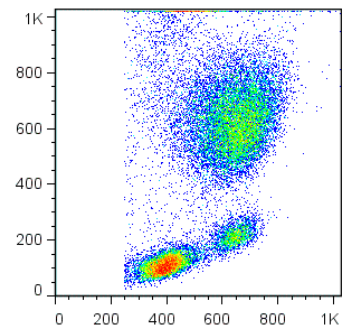


Buffers, Solutions & Cell Stimulations

Explore our growing portfolio of buffers, solutions and cell stimulations. Maximize your time in the lab by using these pre-made tools. Whether preparing samples, conducting intracellular transcription factor and cytokine staining, or even cell activation for cytokine stimulation – you can trust these tools to optimize your workflow without breaking your budget.

Catalog No.	Name	Size
TNB-4222-L500	Flow Staining Buffer (1X)	500 mL
TNB-4300-L100	RBC Lysis Buffer (10X)	100 mL
TNB-4505-L001	Monensin Solution (1000X)	1 mL
TNB-4506-L001	Brefeldin A Solution (1000X)	1 mL
TNB-4600-L600	Sheath Fluid (30X)	600 mL
TNB-4700-L100	Lymphocyte Separation Medium	100 mL
TNB-5000-L050	Annexin V Binding Buffer (1X)	50 mL
TNB-8222-L100	Fixation Buffer	100 mL

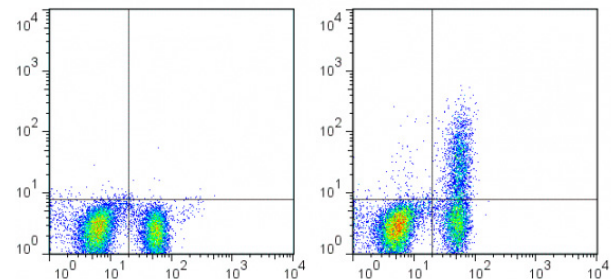
RBC Lysis Buffer (10X) TNB-4300-L100



Human peripheral blood leukocytes were lysed with RBC Lysis Buffer (TNB-4300-L100). The scatter profile of the leukocytes is shown.

Cell Stimulation Cocktails

Cell Stimulation Cocktail (500X) is a ready-to-use cocktail that can be used for polyclonal cell activation. It is composed of the phorbol ester, PMA (Phorbol 12-Myristate 13-Acetate), a calcium ionophore (Ionomycin), and the protein transport inhibitors Brefeldin A and Monensin. This Cell Stimulation Cocktail (500X) can be used to elicit cytokine production and retention in a variety of cell types allowing for detection of intracellular protein by flow cytometry.



C57Bl/6 splenocytes were stimulated with 1X Cell Stimulation Cocktail (500X) (TNB-4975-UL100) (right panel) or unstimulated (left panel) and then stained with APC Anti-Mouse CD3e (20-0031), followed by intracellular staining with PE Anti-Mouse IL-2 (50-7021).

Cell Stimulation Cocktail (500X)

Catalog No.	Name	Size
TNB-4975-UL100	Cell Stimulation Cocktail (500X)	100 μ L
TNB-4975-UL400	Cell Stimulation Cocktail (500X)	4 \times 100 μ L

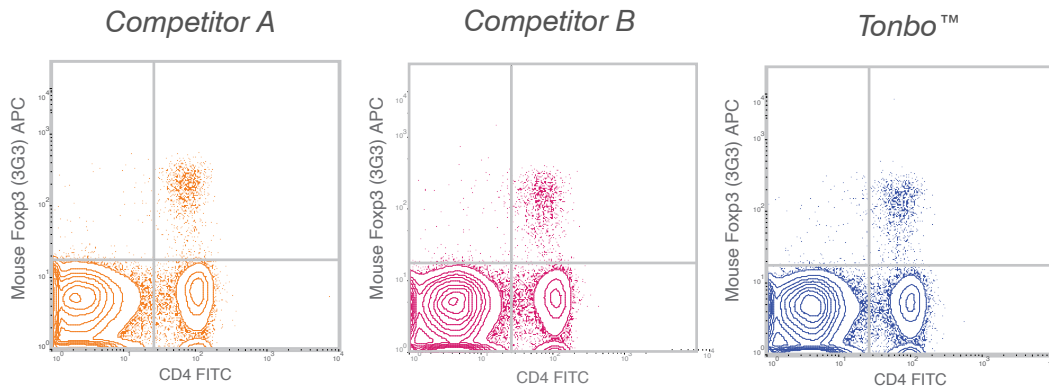
Cell Stimulation Cocktail (w/o protein transport inhibitors) (500X)

Catalog No.	Name	Size
TNB-4970-UL100	Cell Stimulation Cocktail (w/o protein transport inhibitors) (500X)	100 μ L
TNB-4970-UL400	Cell Stimulation Cocktail (w/o protein transport inhibitors) (500X)	4 \times 100 μ L

Foxp3 / Transcription Factor Staining Buffer Kit

TNB-0607-KIT

Tonbo's Foxp3/Transcription Factor Staining Buffer Kit performs equally or better than the competition for optimal resolution of Foxp3+ Regulatory T-cells. This kit contains specially formulated buffers and solutions for optimal resolution and low background in your analysis of nuclear antigens by flow cytometry.



C57Bl/6 splenocytes were stained with FITC Anti-Mouse CD4 followed by intracellular staining with APC Anti-Mouse Foxp3 (clone 3G3). Fixation and permeabilization was performed using Foxp3 / Transcription Factor Staining Buffer Kit (TNB-0607-KIT), or the comparable kit available from Competitor A and Competitor B.

Catalog No.	Name	Size
TNB-0607-KIT	Foxp3 / Transcription Factor Staining Buffer Kit	KIT
TNB-1020-L050	Foxp3 / Transcription Factor Fix/Perm Concentrate (4X)	50 mL
TNB-1022-L160	Foxp3 / Transcription Factor Fix/Perm Diluent (1X)	160 mL
TNB-1213-L150	Flow Cytometry Perm Buffer (10X)	150 mL

Included in this kit, and available for purchase separately, are:

Foxp3 / Transcription Factor Fix/Perm Concentrate (4X)

TNB-1020-L050

A concentrated solution which, when diluted with Foxp3 / Transcription Factor Fix/Perm Diluent (1X) provide best results for intracellular staining of transcription factors using fluorescently conjugated antibodies

Flow Cytometry Perm Buffer (10X)

TNB-1213-L150

Provided as a concentrate which, when diluted with distilled water to a 1X solution, provide best results for intracellular staining of cytokines and other cytoplasmic antigens, by maintaining membrane permeabilization throughout staining and washing steps

Foxp3 / Transcription Factor Fix/Perm Diluent (1X)

TNB-1022-L160

Intended for use as a diluent for Foxp3 / Transcription Factor Fix/Perm Concentrate (4X)

