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## **FACS and IF Staining Buffer with BSA**



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Overview			
Quantity:	500 mL		
Application:	Flow Cytometry (FACS), Fluorescence Microscopy (FM), Immunohistochemistry (IHC)		
Product Details			
Purification:	FACS and IF Staining Buffer was aseptically filtered through a Millipore 0.22 micron filter into		
	clean, pre-sterilized containers. The product was tested on trypticase soy agar for 24 hours, 48		
	hours and 72 hours and was found to be negative for bacteria.		
Sterility:	Aseptic filtered		
Application Details			
Application Notes:	Flow Cytometry Dilution: User Optimized		
	Immunohistochemistry Dilution: User Optimized		
	Application Note: Fluorescent Activated Cell Sorting (FACS) and Immunofluorescence (IF)		
	staining buffer is adequate for cell staining, washing and dilution in flow cytometry and		
	immunofluorescence experiments.		
	IF Microscopy Dilution: User Optimized		
Comment:	Synonyms: Fluorescent Activated Cell Sorting (FACS), Staining buffer, Flow cytometry staining		
	buffer, Immunofluorescence staining buffer		
	Background: Fluorescent Activated Cell Sorting (FACS) and Immunofluorescence (IF) staining		
	buffer is a diluent buffer optimized for use in flow cytometry and immunofluorescence assay of		
	viable and/or fixed cells. FACS and IF staining, washing buffer contains 1 % BSA as carrier and		
	stabilizer to reduce non-specific binding of antibodies and fluorochrome reagents to targets		
	cells. Metabolic inhibitors and NaN3 are also included in the flow cytometry and		

## **Application Details**

	immunofluorescence buffer to prevent patching, capping of surface antigen and bacterial growth.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 X
Buffer:	Stabilizer: None
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	3 months