

Datasheet for ABIN5706392

FACS and IF Staining Buffer with FBS



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1 Image

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:	<p>Flow Cytometry Dilution: User Optimized</p> <p>Immunohistochemistry Dilution: User Optimized</p> <p>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.</p> <p>IF Microscopy Dilution: User Optimized</p>
Comment:	<p>Synonyms: Fluorescent Activated Cell Sorting (FACS), Staining buffer, Flow cytometry staining buffer, Immunofluorescence staining buffer</p> <p>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 2 % calf bovine serum 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</p>

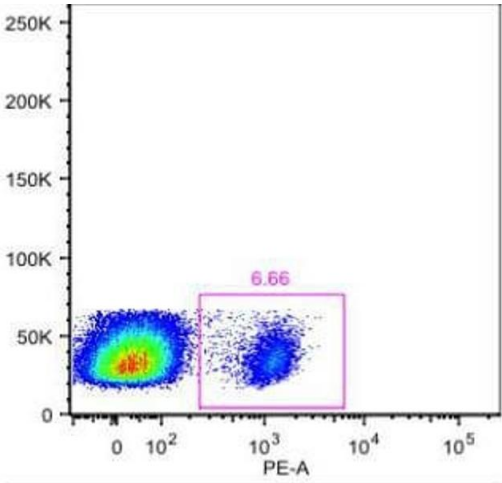
Application Details

	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

Images



Flow Cytometry

Image 1. Flow Cytometry of Mouse anti-Human CD4 Phycoerythrin conjugated antibody. Using FACs Buffer and Protocol for washing and collecting cells.