

For Research Use Only

Flow Cytometry Phosphorylated Protein Fixation/Permeabilization Kit

Catalog Number: PF00026



Product Information

Proteintech's Flow Cytometry Phosphorylated Protein Fixation and Permeabilization Kit (Catalog No. PF00026) is for the detection of phosphorylated proteins by flow cytometry. The kit is suitable for experiments where phosphorylated targets compose a majority of the targets to be detected. This kit includes a fixation buffer, a permeabilization buffer, and a staining buffer.

Components

This product contains formaldehyde, methanol, FBS, and sodium azide ($\leq 0.09\%$).

Components	Catalog #	Size	Storage Temperature	Working Temperature
Fixation Buffer	PF00026-1	50 mL	4°C	4°C
Permeabilization Buffer	PF00026-2	50 mL	4°C	-20°C
Staining Buffer (10X)	PF00026-3	100 mL	4°C	RT

Package

1 kit

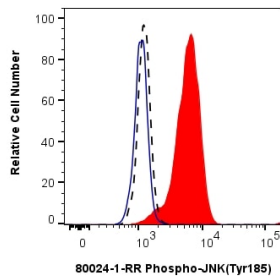
Storage

Stable for 1 year sealed at 4°C. See product label for further details.

Notes

1. This product contains formaldehyde, methanol, and sodium azide. Take protective measures and avoid contact with eyes and skin.
2. It is recommended to mix with a pipette. Do not vortex and avoid bubbles.
3. During incubation, make sure cells are mixed well and prevent cells from sticking to the side of the tube to prevent false negative populations.
4. Methanol permeabilization of the cell membrane may affect staining of surface markers and may be incompatible with certain fluorophores. It is recommended to predetermine whether any staining of surface markers should be performed before or after the permeabilization step for optimal results.

Validation Data



1X10⁶ HEK-293 cells untreated (dashed lines) or treated with Calyculin A then intracellularly stained with 0.06 ug Phospho-JNK (Tyr185) Recombinant antibody (80024-1-RR, Clone: 2G8) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.06 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue).

For technical support and original validation data for this product please contact

T: 1 (888) 4PTGLAB(1-888-478-4522)(toll free in USA), or
1(312) 455-8498(outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under
Proteintech Group brand and is not available
to purchase from any other manufacturer.