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Product Datasheet

Anti-Helios Purified, Clone: [22F6], Monoclonal EXB-11-771-C100

Article Name	Anti-Helios Purified, Clone: [22F6], Monoclonal
Biozol Catalog Number	EXB-11-771-C100
Supplier Catalog Number	11-771-C100
Alternative Catalog Number	EXB-11-771-C100
Manufacturer	EXBIO
Category	Antikörper
Application	FC
Species Reactivity	Human, Mouse
Immunogen	Peptide corresponding to the amino acids 51-107 of Helios
Product Description	Helios, also known as IKZF2 (Ikaros family zinc finger protein 2) is a hematopoietic-specific transcription factor involved in the regulation of lymphocyte development, together with other members of this family, such as Aiolos and Ikaros. Helios for...
Clonality	Monoclonal
Concentration	1 mg/ml
Clone Designation	[22F6]
Isotype	Armenian Hamster IgG
Buffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage	2°C to 8°C

Target	Helios
Antibody Type	Monoclonal Antibody
Application Notes	Flow cytometry: Recommended dilution: 1-4 µg/ml., Recommended protocol: 1) Perform staining of cell surface markers (CD25, CD4 etc.) for 20 min. at room temperature in the dark, 100 µl of peripheral blood. 2) Add 3 ml of PBS with 1% BSA, centrifuge at 300g and discard the supernatant. Further steps perform on ice and with ice-cold reagents. 3) Resuspend the cells in 5 ml of cold fixation solution (Miltenyi Biotec) and incubate for 30 min. on ice. 4) Centrifuge for 5 min. at 1000 g, 4C, and discard the supernatant. 5) Resuspend the cells in 5 ml of ice-cold PBS with 1% BSA. 6) Centrifuge for 5 min. at 1000 g, 4C, and discard the supernatant. 7) Resuspend the cells in 5 ml of ice-cold permeabilization solution (Miltenyi Biotec) and incubate 5 min. 8) Centrifuge for 5 min. at 1000 g, 4C, and discard the supernatant. 9) Resuspend the cells in µl of ice-cold permeabilization solution and add 20 µl of FcR blocking solution and incubate for 5 min. (4C, in the dark). 10) Perform intracellular staining of Helios for 30 min. (4C, in the dark) with 10 µl of anti-Helios PE antibody (22F6) in 100 µl. 11) Add 2 ml of ice-cold permeabilization solution and incubate for 5 min. at 4C in the dark. 12) Centrifuge for 5 min. at 1000 g, 4C, and discard the supernatant. 13) Resuspend the cells in 3 ml of ice-cold PBS with 1% BSA. 14) Centrifuge for 5 min. at 1000 g, 4C, and discard the supernatant. 15) Resuspend the cells in 150 µl of ice-cold PBS with 1% BSA and measure on a flow cytometry device with appropriate setting as soon as possible. Keep cold until measuring.