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Product Datasheet

Helios Antibody, Clone: [22F6], Unconjugated, Monoclonal BYT-ORB222726

Artikelname	Helios Antibody, Clone: [22F6], Unconjugated, Monoclonal
Artikelnummer	BYT-ORB222726
Hersteller Artikelnummer	orb222726
Alternativnummer	BYT-ORB222726-0.1
Hersteller	Biorbyt
Kategorie	Antikörper
Applikation	FC
Spezies Reaktivität	Human, Mouse
Immunogen	Peptide corresponding to the amino acids 51-107 of Helios
Konjugation	Unconjugated
Produktbeschreibung	Hamster monoclonal antibody to Helios...
Klonalität	Monoclonal
Konzentration	1 mg/ml
Klon-Bezeichnung	[22F6]
UniProt	Q9UKS7
Puffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Target-Kategorie	Helios

Anwendungsbeschreibung

Application Notes: Flow cytometry: Recommended dilution: 1-4 $\mu\text{g/ml}$., 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, centrifugate 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) Centrifugate 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) Centrifugate 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) Centrifugate 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) Centrifugate 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) Centrifugate 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