Human B7-H3 APC-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 185504

Catalog Number: FAB1027A

100 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human B7-H3 in direct ELISAs and Western blots. In Western blots, does not cross-react with recombinant human (rh) B7–H1, rhB7–H2, rhB7–1, rhB7–2, or recombinant mouse PD-L2.
Source	Monoclonal Mouse IgG_1 Clone # 185504
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human B7–H3 Leu29-Pro245 Accession # NP_079516
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

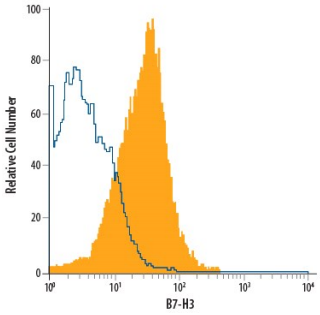
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	10 µL/10^6 cells	See Below

DATA

Flow Cytometry



Detection of B7-H3 in PC-3 Human Cell Line by Flow Cytometry. PC-3 human prostate cancer cell line was stained with Mouse Anti-Human B7-H3 APC-conjugated Monoclonal Antibody (Catalog # FAB1027A, filled histogram) or isotype control antibody (Catalog # IC002A, open histogram). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** • 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

B7-H3 is a member of the B7 family of immune costimulatory receptors. Its expression is induced on dendritic cells and monocytes by inflammatory cytokines.

bio-techne
bio-techne.com
Global info@bio-techne.com techsupport@bio-techne.com
North America TEL 800 343 7475 **Europe | Middle East | Africa** TEL +44 (0)1235 529449
China info.cn@bio-techne.com TEL +86 (21) 52380373
Rest of World bio-techne.com/find-us/distributors TEL +1 612 379 2956