Human Notch-2 APC-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 602845

Catalog Number: FAB37351A

100 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Notch-2 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human (rh) Notch-1 ICD, rhNotch-3 ECD, rhNotch-4 ICD, recombinant rat (rr) Notch-1 ECD, rrNotch-2 ECD, or rrDelta-1 is observed.
Source	Monoclonal Mouse IgG_1 Clone # 602845
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Notch-2 Leu26-Gln530 Accession # Q04721
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.

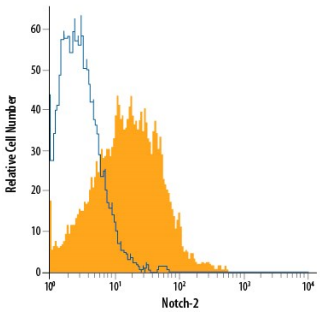
APPLICATIONS

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 Notch-2 in NTera-2 Human Cell Line by Flow Cytometry. NTera-2 human testicular embryonic carcinoma cell line was stained with Mouse Anti-Human Notch-2 APC-conjugated Monoclonal Antibody (Catalog # FAB37351A, 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

Notch-2 is a 300 kDa member of the Notch family of transmembrane (TM) proteins. The 2446 amino acid (aa) type I TM glycoprotein undergoes Golgi processing to generate a heterodimer of 180 kDa disulfide-linked extracellular domain (ECD) and 110 kDa membrane bound segments. Binding of Notch ligands, including Jagged and Delta-like molecules, has been localized to the 11th and 12th EGF-like repeats, aa 415-492. Human Notch-2 ECD (aa 26-530) shares 93% aa identity with mouse or rat Notch-2 ECD.

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