

Human APJ APC-conjugated Antibody

Recombinant Monoclonal Mouse IgG, Clone # 72133R-G1

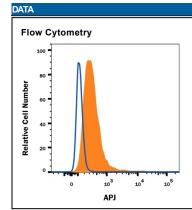
Catalog Number: FAB8561A 25 Tests

DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human APJ in direct ELISAs.		
Source	Recombinant Monoclonal Mouse IgG ₁ Clone # 72133R-G1		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Mouse myeloma cell line NS0-derived recombinant human APJ Met1-Asp380 Accession # P35414		
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



Detection of APJ in U-118-MG Human Cell Line by Flow Cytometry. U-118-MG human glioblastoma/astrocytoma cell line was stained with Mouse Anti-Human APJ APC-conjugated Monoclonal Antibody (Catalog #FAB8561A, filled histogram) or isotype control antibody (Catalog # IC002A, open histogram). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

ShippingThe 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

APJ is a G-protein coupled receptor that is related to the angiotensin receptor. It is primarily expressed in coronary artery endothelium and binds the endogenous ligand, apelin. APJ can also function as a co-receptor for HIV.

Rev. 2/6/2018 Page 1 of 1