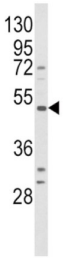
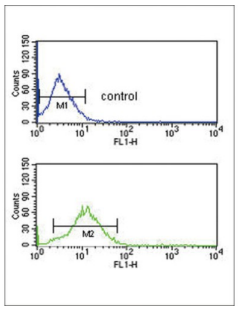
B1 Bradykinin Receptor (BDKRB1) Antibody

Catalogue No.:abx034082



WB analysis of HepG2 cell lysates (35 µg), using BDKRB1 antibody.



Flow cytometry analysis of HepG2 cells (bottom) and negative control cells (top). FITC-conjugated Goat anti-Rabbit was used as the secondary antibody.

Bradykinin, a 9 aa peptide, is generated in pathophysiologic conditions such as inflammation, trauma, burns, shock, and allergy. Two types of G-protein coupled receptors have been found which bind bradykinin and mediate responses to these pathophysiologic conditions. BDKRB1 is one of these receptors and is synthesized de novo following tissue injury. Receptor binding leads to an increase in the cytosolic calcium ion concentration, ultimately resulting in chronic and acute inflammatory responses.

Target:	B1 Bradykinin Receptor (BDKRB1)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, FCM
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, FCM: 1/10 - 1/50. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 213-239 amino acids from the Central region of human BDK_1.
Isotype:	IgG

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Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P46663 (UniProt, ExPASy)
KEGG:	hsa:623
String:	9606.ENSP00000216629
Molecular Weight:	Calculated MW: 40.5 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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