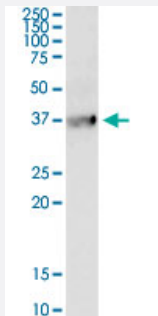


BDKRB1 monoclonal antibody (M04), clone 3A2

Catalog # H00000623-M04

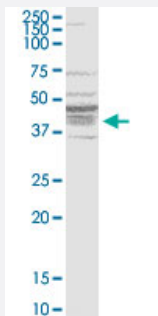
Size 100 ug

Applications



Western Blot (Tissue lysate)

BDKRB1 monoclonal antibody (M04), clone 3A2. Western Blot analysis of BDKRB1 expression in human liver.



Western Blot (Cell lysate)

BDKRB1 monoclonal antibody (M04), clone 3A2. Western Blot analysis of BDKRB1 expression in MCF-7.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant BDKRB1.
Immunogen	BDKRB1 (AAH34705, 1 a.a. ~ 353 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LASSWPPELEQSSNQSQLFPQNATACDNAPEAWDLLHRVLPFTIISICFFGLLGNLVLLVFLPR RQLNVAEIMLANLAASDLVFVLGLPFWAENWNQFNWPFGALLCRVINGVIKANLFISIFLVVAISQD RYRVLVHPMASRRQQRRRQARVTCVLWVVGGLLSIPTFLLRSIQAVPDLNITACILLPHEAWHFA RVELNILGFLLPLAAMFFNYHILASLRTREEVSRTRCGGRKDSKTTALILTLVVAFLVCWAPYHFFA FLEFLFQVQAVRGCFWEDFIDLGLQLANFFAFTNSSLNPVIYFVGRLFRTKVWELYKQCTPKSLA PISSSHRKEIFQLFWRN
Host	Mouse

Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

BDKRB1 monoclonal antibody (M04), clone 3A2. Western Blot analysis of BDKRB1 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

BDKRB1 monoclonal antibody (M04), clone 3A2. Western Blot analysis of BDKRB1 expression in MCF-7.

[Protocol Download](#)

- ELISA

Gene Info — BDKRB1

Entrez GeneID	623
GeneBank Accession#	BC034705
Protein Accession#	AAH34705
Gene Name	BDKRB1
Gene Alias	B1BKR, B1R, BKB1R, BKR1, BRADYB1
Gene Description	bradykinin receptor B1
Omim ID	600337
Gene Ontology	Hyperlink

Gene Summary

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. The protein encoded by this gene 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. [provided by RefSeq]

Other Designations

BK-1 receptor|bradykinin B1 receptor|bradykinin receptor 1

Pathway

- [Calcium signaling pathway](#)
- [Complement and coagulation cascades](#)
- [Neuroactive ligand-receptor interaction](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Albuminuria](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hypertension](#)
- [Kidney Failure](#)

- [Mental Disorders](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)