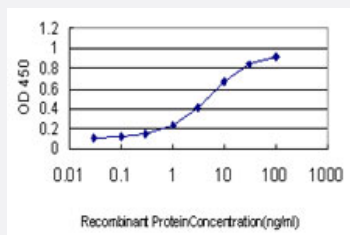


BDKRB2 monoclonal antibody (M01), clone 3F6

Catalog # H00000624-M01

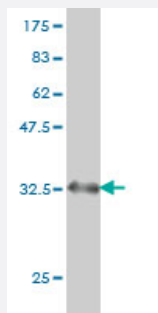
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BDKRB2 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (32.34 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant BDKRB2.
Immunogen	BDKRB2 (NP_000614, 1 a.a. ~ 60 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MFSPWKISMFLSVREDSVPTTASF SADMLNVT LQGPTLNGTFAQSKCPQVEWLGWLNTIQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (53); Rat (48)

Isotype	IgG1 lambda
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.34 KDa) .
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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BDKRB2 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — BDKRB2

Entrez GeneID	624
GeneBank Accession#	NM_000623
Protein Accession#	NP_000614
Gene Name	BDKRB2
Gene Alias	B2R, BK-2, BK2, BKR2, BRB2, DKFZp686O088
Gene Description	bradykinin receptor B2
Omim ID	113503
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a receptor for bradykinin. The 9 aa bradykinin peptide elicits many responses including vasodilation, edema, smooth muscle spasm and pain fiber stimulation. This receptor associates with G proteins that stimulate a phosphatidylinositol-calcium second messenger system. Alternate start codons result in two isoforms of the protein. [provided by RefSeq]

Other Designations

-

Publication Reference

- [Development of antibody-modified chitosan nanoparticles for the targeted delivery of siRNA across the blood-brain barrier as a strategy for inhibiting HIV replication in astrocytes.](#)

Gu J, Al-Bayati K, Ho EA.

Drug Delivery and Translational Research 2017 Mar; [Epub].

Application: Flow Cyt, Func, Human, hCMEC/D3, U138-MG cells

Pathway

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

Disease

- [Albuminuria](#)
- [Altitude Sickness](#)
- [Angioneurotic Edema](#)
- [Arrhythmias](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)

- [Cough](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hemolytic-Uremic Syndrome](#)
- [Hyperaldosteronism](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Mental Disorders](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)
- [Proteinuria](#)
- [Pulmonary Disease](#)
- [Task Performance and Analysis](#)
- [Weight Loss](#)
- [Werner syndrome](#)