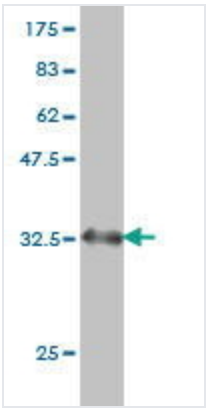
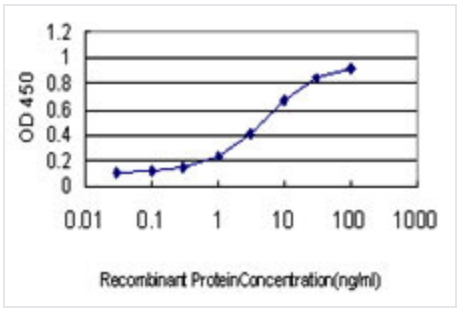
BDKRB2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	BDKRB2, Monoclonal Antibody
Full Product Name	BDKRB2 (B2 Bradykinin Receptor, B2R, BK-2 Receptor, BKR2) (PE)
Product Gene Name	anti-BDKRB2 antibody
Clonality	Monoclonal
Isotype	IgG1, lambda
Clone Number	3F6
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human BDKRB2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	43kDa
OMIM	113503
3D Structure	ModBase 3D Structure for P30411
Immunogen	Partial recombinant corresponding to aa1-60 from human BDKRB2 (NP_000614) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MFSPWKISMFLSVREDSVPTTASFSADMLNVTLQGPTLNGTFAQSKCPQVEWLGWLNTIQ
Conjugate	PE
Product Categories/Family for anti-BDKRB2 antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-BDKRB2 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-BDKRB2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-BDKRB2 antibody	Receptor for bradykinin. It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system.
Other Notes	Small volumes of anti-BDKRB2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for BDKRB2 purchase	MBS6156728 is an antibody targeting BDKRB2. Also known as BDKRB2 (B2 Bradykinin Receptor, B2R, BK-2 Receptor, BKR2) (PE). Reactive in Human. Host: Mouse.



Western Blot (WB) of anti-BDKRB2 antibody
Western Blot detection against Immunogen (32.34kD).



Testing Data of anti-BDKRB2 antibody
Detection limit for recombinant GST tagged BDKRB2 is ~0.1ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BDKRB2. It may not necessarily be applicable to this product.

NCBI GI #	4557359
NCBI GeneID	624
NCBI Accession #	NP_000614
UniProt Primary Accession #	P30411
UniProt Related Accession #	P30411
GenBank Nucleotide #	NM_000623
NCBI Official Full Name	B2 bradykinin receptor
NCBI Official Synonym Full Names	bradykinin receptor B2
NCBI Official Symbol	BDKRB2
NCBI Official Synonym Symbols	B2R; BK2; BK-2; BKR2; BRB2
UniProt Protein Name	B2 bradykinin receptor
Protein Family	B2 bradykinin receptor
UniProt Gene Name	BDKRB2
UniProt Synonym Gene Names	BKR2; B2R; BK-2 receptor
UniProt Entry Name	BKRB2_HUMAN
NCBI Protein Information	B2 bradykinin receptor
NCBI Summary for BDKRB2	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, Jul 2008]

UniProt Comments for BDKRB2	BKR2: a receptor for bradykinin. Bradykinin 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. Protein type: Membrane protein, multi-pass; Receptor, GPCR; GPCR, family 1; Membrane protein, integral Chromosomal Location of Human Ortholog: 14q32.1-q32.2 Cellular Component: integral to plasma membrane; plasma membrane; endosome Molecular Function: bradykinin receptor activity; protein binding; protease binding; protein heterodimerization activity; type 1 angiotensin receptor binding; phosphoinositide phospholipase C activity Biological Process: vasoconstriction; metabolic process; blood circulation; negative regulation of peptidyl-serine phosphorylation; arachidonic acid secretion; vasodilation; response to salt stress; G-protein coupled receptor protein signaling pathway; elevation of cytosolic calcium ion concentration; cell surface receptor linked signal transduction; smooth muscle contraction; regulation of vasoconstriction; regulation of vascular permeability; inflammatory response; transmembrane receptor protein tyrosine kinase signaling pathway
Research Articles on BDKRB2	**1.** BK receptors, B1 and B2 (BKR-B1 and B2), were also detected in both epithelial and stromal cells of endometriotic lesions. The localization of BKR-B1 was nucleus mainly, whereas BKR-B2 was detected at cytoplasm.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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