



Mouse anti-Human BDKRB2 monoclonal antibody, clone 4G7 (CABT-B9848)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	BDKRB2 (NP_000614, 1 a.a. ~ 61 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4G7
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MFSPWKISMFLSVREDSVPTTASFSDMLNVTLQGPTLNGTFAQSKCPQVEWLGLNTIQ *
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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.
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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]

Keywords	BDKRB2; bradykinin receptor B2; B2R; BK2; BK-2; BKR2; BRB2; B2 bradykinin receptor; BK-2 receptor;
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GENE INFORMATION

Entrez Gene ID	624
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UniProt ID	P30411
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Pathway	ACE Inhibitor Pathway, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem
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Function	G-protein coupled receptor activity; bradykinin receptor activity; phosphatidylinositol phospholipase C activity; protease binding; protein binding; protein heterodimerization activity; receptor activity; type 1 angiotensin receptor binding
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