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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRKACB monoclonal antibody (M02), clone 1F8

Catalog # : H00005567-M02

規格 : [100 ug]

List All

Specification	Application Image
Product Description: Mouse monoclonal antibody raised against a full length recombinant PRKACB.	ELISA
Immunogen: PRKACB (AAH16285, 1 a.a. ~ 257 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.	
Sequence: MGNAATAKKGSEVESVKEFLAKAKEDFLKKWENPTQNNAGLEDFERKK TLGTGSFGRVMLVKHKATEQYYAMKILDKQKVVKLKQIEHTLNEKRILQA VNFPFLVRLEYAFKDNSNLYMVMMEYVPGGEMFSLRGRFSEPHARFY AAQIVLTFEYLHSLDLIYRDLKPENLLIDHQGYIQVTDGFAKRVKGRWT LCGTPEYLAPEIILSKGYNKAVDWWALGVLIEYMAAGYPPFFADQPIQIYE KIVSGKNF	
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.	
MSDS: Download	
Datasheet: Download	
Applications	
ELISA	
Gene Information	
Entrez GeneID: 5567	
GeneBank Accession#: BC016285	
Protein Accession#: AAH16285	
Gene Name: PRKACB	
Gene Alias: DKFZp781I2452,MGC41879,MGC9320,PKACB	
Gene Description: protein kinase, cAMP-dependent, catalytic, beta	

Omim ID: [176892](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: cAMP is a signaling molecule important for a variety of cellular functions. cAMP exerts its effects by activating the cAMP-dependent protein kinase, which transduces the signal through phosphorylation of different target proteins. The inactive kinase holoenzyme is a tetramer composed of two regulatory and two catalytic subunits. cAMP causes the dissociation of the inactive holoenzyme into a dimer of regulatory subunits bound to four cAMP and two free monomeric catalytic subunits. Four different regulatory subunits and three catalytic subunits have been identified in humans. The protein encoded by this gene is a member of the Ser/Thr protein kinase family and is a catalytic subunit of cAMP-dependent protein kinase. Three alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]

Other Designations: OTTHUMP00000011663,OTTHUMP00000011664,OTTHUMP00000011666,PKA C-beta,cAMP-dependent protein kinase catalytic beta subunit isoform 4ab,cAMP-dependent protein kinase catalytic subunit beta,protein kinase A catalytic subunit beta

Gene Pathway

[Apoptosis](#) [Calcium signaling pathway](#) [Chemokine signaling pathway](#) [Gap junction](#) [GnRH signaling pathway](#) [Hedgehog signaling pathway](#) [Insulin signaling pathway](#) [Long-term potentiation](#) [MAPK signaling pathway](#) [Melanogenesis](#) [Olfactory transduction](#) [Prion diseases](#) [Taste transduction](#) [Vascular smooth muscle contraction](#) [Vibrio cholerae infection](#) [Wnt signaling pathway](#)

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