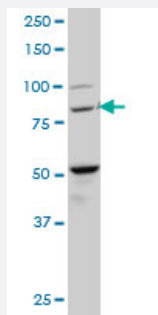


BACH1 monoclonal antibody (M02), clone 1B8

Catalog # H00000571-M02

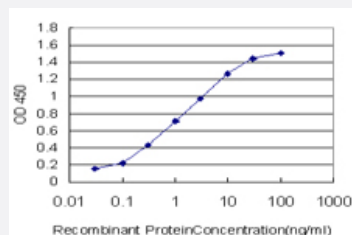
Size 100 ug

Applications



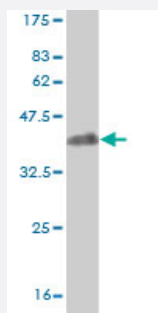
Western Blot (Cell lysate)

BACH1 monoclonal antibody (M02), clone 1B8 Western Blot analysis of BACH1 expression in NIH/3T3 (Cat # L018V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BACH1 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.41 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant BACH1.

Immunogen	BACH1 (NP_996749, 396 a.a. ~ 492 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HLAKGFWSDICSTDTPCQMQLSPAVAKDGSEQISQKRSECPWLGIRISESPEPGQRTFTTLSSVN CPFISTLSTEGCSSNLEIGNDDYVSEPQQEPC
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (92)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 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 (Cell lysate)

BACH1 monoclonal antibody (M02), clone 1B8 Western Blot analysis of BACH1 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BACH1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — BACH1

Entrez GeneID [571](#)

GeneBank Accession#	NM_206866
Protein Accession#	NP_996749
Gene Name	BACH1
Gene Alias	-
Gene Description	BTB and CNC homology 1, basic leucine zipper transcription factor 1
Omim ID	602751
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a transcription factor that belongs to the cap'n'collar type of basic region leucine zipper factor family (CNC-bZip). The encoded protein contains broad complex, tramtrack, bric-a-brac/poxvirus and zinc finger (BTB/POZ) domains, which is atypical of CNC-bZip family members. These BTB/POZ domains facilitate protein-protein interactions and formation of homo- and/or hetero-oligomers. When this encoded protein forms a heterodimer with MafK, it functions as a repressor of Maf recognition element (MARE) and transcription is repressed. Multiple alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq]
Other Designations	BTB and CNC homology 1 OTTHUMP00000096564

Publication Reference

- [RANKL induces Bach1 nuclear import and attenuates Nrf2-mediated antioxidant enzymes, thereby augmenting intracellular reactive oxygen species signaling and osteoclastogenesis in mice.](#)

Kanzaki H, Shinohara F, Itohiya K, Yamaguchi Y, Katsumata Y, Matsuzawa M, Fukaya S, Miyamoto Y, Wada S, Nakamura Y.
FASEB Journal 2017 Feb; 31(2):781.

Application: IF, WB, Mouse, Raw 264.7 cells

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Fanconi Anemia](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
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