

Product Datasheet

BACH1 Antibody (1B8) - Azide and BSA Free H00000571-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00000571-M02

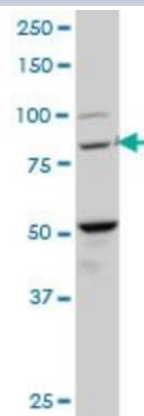
BACH1 Antibody (1B8) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B8
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	571
Gene Symbol	BACH1
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	BACH1 (1B8)
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. HLAKGFWSDICSTDTPCQMQLSPAVAKDGSEQISQKRSECPWLGIRISESPEP GQRTFTTLSSVNC PFISTLSTEGCSSNLEIGNDDYVSEPQQEPC
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.



Images

Western Blot: BACH1 Antibody (1B8) [H00000571-M02] - BACH1 monoclonal antibody (M02), clone 1B8 Analysis of BACH1 expression in NIH/3T3.



Sandwich ELISA: BACH1 Antibody (1B8) [H00000571-M02] - Detection limit for recombinant GST tagged BACH1 is approximately 0.03ng/ml as a capture antibody.



Publications

Kanzaki H, Shinohara F, Itohiya K et al. RANKL induces Bach1 nuclear import and attenuates Nrf2-mediated antioxidant enzymes, thereby augmenting intracellular reactive oxygen species signaling and osteoclastogenesis in mice. FASEB J 2016-11-11 [PMID: 27836987]



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Products Related to H00000571-M02

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00000571-Q01-10ug	Recombinant Human BACH1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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