

Product Datasheet

ZAK Antibody (3D11) - Azide and BSA Free H00051776-M02

Unit Size: 0.1 mg

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

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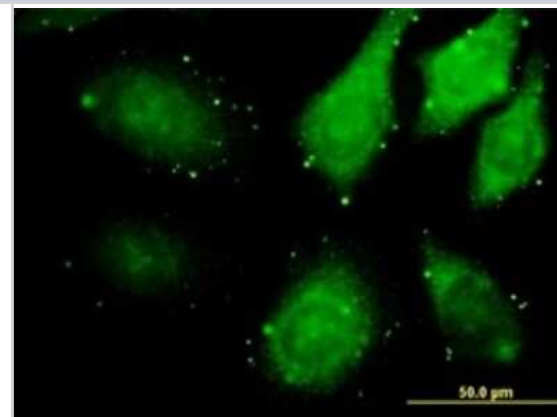
H00051776-M02

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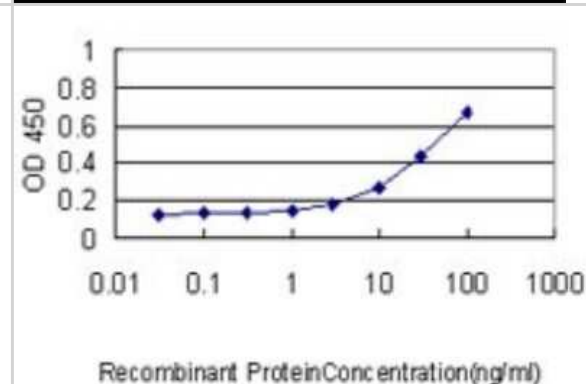
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3D11
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	51776
Gene Symbol	ZAK
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	ZAK - sterile alpha motif and leucine zipper containing kinase AZK
Immunogen	ZAK (AAH01401.1, 1 a.a. ~ 455 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSSLGASFVQIKFDDLQFFENC GGGSFGSVYRAKWISQDKEVAVKLLKIEKEA EILSVLSHRNIIQFYGVILEPPNYGIVTEYASLGSLYDYINSNRSEEMDMDHIMTW ATDVAKGMHYLHMEAPVKVIHRDLKSRNVVIAADGVLKICDFGASRFHNHTTH MSLVGTFPWMAPEVIQSLPVSETCDTYSYGVVLWEMLTREVPFKGLEGLQVA WLVVEKNERLTIPSSCPRSFAELLHQCWEADAKKRPSFKQIISILESMSNDTSLP DKCNSFLHNKAWRCEIEATLERLKKLERDLSFKEQELKERERRLKMWEQKLT EQSNTPLLLPLAARMSEESYFESKTEESNSAEMSCQITATSNGEGHGMNPSLQ AMMLMGFGDIFSMNKAGAVMHSGMQINMQAKQNSSKTTSKRRGKKVNMALG FSDFDLSEGDDDDDDGEEEDNDMDNSE
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 reactive against recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.

Images

Immunocytochemistry/Immunofluorescence: ZAK Antibody (3D11) [H00051776-M02] - Analysis of monoclonal antibody to ZAK on HeLa cell. Antibody concentration 10 ug/ml.



Sandwich ELISA: ZAK Antibody (3D11) [H00051776-M02] - Detection limit for recombinant GST tagged ZAK is approximately 0.3ng/ml as a capture antibody.



Publications

Yueh-Min L, Jiro S, Jia-Zun G et al. ZAK α Alleviates Oxidized Low-density Lipoprotein (ox-LDL)-Induced Apoptosis and B-type Natriuretic Peptide (BNP) Upregulation in Cardiomyoblast. *Cell Biochem Biophys*. 2022-07-01 [PMID: 35776316]

Fu C, Chen M, Tseng Y et al. Fisetin activates Hippo pathway and JNK/ERK/AP-1 signaling to inhibit proliferation and induce apoptosis of human osteosarcoma cells via ZAK α overexpression. *Environ Toxicol*. 2019-05-01 [PMID: 31044527]

Fu C, Tseng Y, Chen M et al. Overexpression of ZAK α in human osteosarcoma cells enhances ZAK α expression, resulting in a synergistic apoptotic effect. *Cell Biochem Funct*. 2018-04-13 [PMID: 29654619]



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Products Related to H00051776-M02

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00051776-P01-10ug	Recombinant Human ZAK 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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