

Product Datasheet

Pea3 Antibody (3G9-1B9) - Azide and BSA Free H00002118-M01

Unit Size: 0.1 mg

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

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H00002118-M01

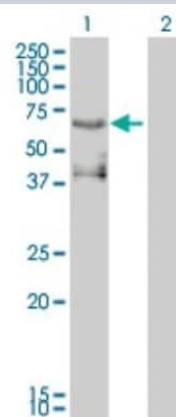
Pea3 Antibody (3G9-1B9) - Azide and BSA Free

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	3G9-1B9
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	2118
Gene Symbol	ETV4
Species	Human
Specificity/Sensitivity	ETV4 - ets variant gene 4 (E1A enhancer binding protein, E1AF)
Immunogen	ETV4 (AAH07242, 1 a.a. ~ 207 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MYLHTEGFSGPSPGDGAMGYGYEKPLRPFDDVVCVAPEKFEKEDIKQEGVGAF REGPPYQRRGALQLWQFLVALLDDPTNAHFIAWTGRGMEFKLIEPEEVARLW GIQKNRPAMNYDKLSRSLRYYYEKGIMQKVAGERYVYKFVCEPEALFSLAFPD NQRPALKAEFDRPVSEEDTVPLSHLDESPAYLPELAGPAQPFPGKGGYSY
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA 1:100-1:2000
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for ELISA.

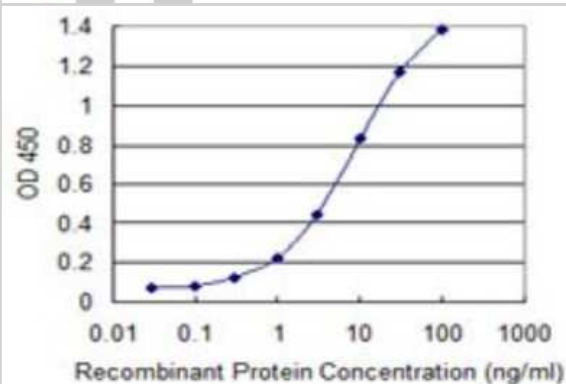


Images

Western Blot: Pea3 Antibody (3G9-1B9) [H00002118-M01] - Analysis of ETV4 expression in transfected 293T cell line by ETV4 monoclonal antibody (M01), clone 3G9-1B9. Lane 1: ETV4 transfected lysate(54 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: Pea3 Antibody (3G9-1B9) [H00002118-M01] - Detection limit for recombinant GST tagged ETV4 is 0.1 ng/ml as a capture antibody.



Publications

Irene C, Annalisa M, Chiara P et al. Identification and characterization of novel ETV4 splice variants in prostate cancer. *Sci Rep.* 2023-03-31 [PMID: 37002241]

Van den Eynden J, Umapathy G, Ashouri A et al. Phosphoproteome and gene expression profiling of ALK inhibition in neuroblastoma cell lines reveals conserved oncogenic pathways. *Sci Signal.* 2018-11-20 [PMID: 30459281]

Pellecchia A, Pescucci C, De Lorenzo E et al. Overexpression of ETV4 is oncogenic in prostate cells through promotion of both cell proliferation and epithelial to mesenchymal transition. *Oncogenesis.* 2012-01-01 [PMID: 23552736]

Mesquita D, Barros-Silva JD, Santos J et al. Specific and redundant activities of ETV1 and ETV4 in prostate cancer aggressiveness revealed by co-overexpression cellular contexts. *Oncotarget* 2015-03-10 [PMID: 25595908] (WB)

Qi M, Liu Z, Shen C et al. Overexpression of ETV4 is associated with poor prognosis in prostate cancer: involvement of uPA/uPAR and MMPs. *Tumour Biol* 2015-05-01 [PMID: 25544710]

Han B, Mehra R, Dhanasekaran SM et al. A fluorescence in situ hybridization screen for E26 transformation-specific aberrations: identification of DDX5-ETV4 fusion protein in prostate cancer. *Cancer Res*;68(18):7629-37. 2008-09-15 [PMID: 18794152]



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Products Related to H0002118-M01

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)
H0002118-P01-10ug	Recombinant Human Pea3 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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