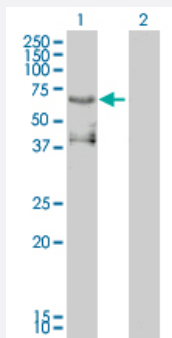


ETV4 monoclonal antibody (M01), clone 3G9-1B9

Catalog # H00002118-M01

Size 100 ug

Applications

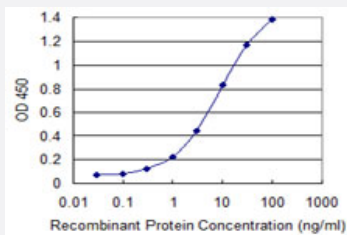


Western Blot (Transfected lysate)

Western Blot analysis of ETV4 expression in transfected 293T cell line by ETV4 monoclonal antibody (M01), clone 3G9-1B9.

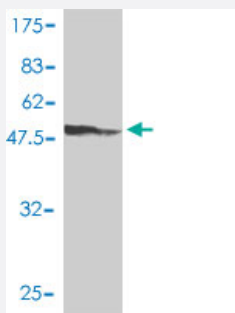
Lane 1: ETV4 transfected lysate (54 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ETV4 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (48.51 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant ETV4.

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.
Sequence	MYLHTEGFSGPSPGDGAMGYGYEKPLRPFPDDVCVAPEKFEGDIKQEGVGAFREGPPYQRRGA LQLWQFLVALLDDPTNAHFIAWTGRGMEFKLIEPEEVARLWGIQKNRPAMNYDKLSRSLRYYYEK GIMQKVAGERYVYKFVCEPEALFSLAFPDNQRPAKAEFDRPVSEEDTVPLSHLDESPAYLPELA GPAQPFPGPKGGYSY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (96)
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (48.51 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 (Transfected lysate)

Western Blot 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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ETV4 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ETV4

Entrez GeneID	2118
GeneBank Accession#	BC007242
Protein Accession#	AAH07242
Gene Name	ETV4
Gene Alias	E1A-F, E1AF, PEA3, PEAS3
Gene Description	ets variant 4
Omim ID	600711
Gene Ontology	Hyperlink
Gene Summary	E1AF) ets variant gene 4 (E1A enhancer-binding protein
Other Designations	E1A enhancer binding protein EWS protein/E1A enhancer binding protein chimera ets variant gene 4 (E1A enhancer binding protein, E1AF) ets variant gene 4 (E1A enhancer-binding protein, E1AF) polyomavirus enhancer activator-3

Publication Reference

- [Identification and characterization of novel ETV4 splice variants in prostate cancer.](#)

Irene Cusi, Annalisa Moccia, Chiara Pescucci, Uday Munagala, Salvatore Di Giorgio, Irene Sineo, Silvestro G Conticello, Rosario Notaro, Maria De Angioletti.

Scientific Reports 2023 Mar; 13(1):5267.

Application: WB-Ce, Human, Human prostatic carcinoma (PC3 cells and du145 cells)

- [Phosphoproteome and gene expression profiling of ALK inhibition in neuroblastoma cell lines reveals conserved oncogenic pathways.](#)

Van den Eynden J, Umapathy G, Ashouri A, Cervantes-Madrid D, Szydzik J, Ruuth K, Koster J, Larsson E, Guan J, Palmer RH, Hallberg B.

Science Signaling 2018 Nov; 11(557):eaar5680.

Application: WB, Human, CLB-BAR, CLB-GE cells

- [Overexpression of ETV4 is oncogenic in prostate cells through promotion of both cell proliferation and epithelial to mesenchymal transition.](#)

Pellecchia A, Pescucci C, De Lorenzo E, Luceri C, Passaro N, Sica M, Notaro R, De Angioletti M.

Oncogenesis 2012 Jul; 1:e20.

Application: WB-Ce, Human, RWPE cells

- [A fluorescence in situ hybridization screen for E26 transformation-specific aberrations: identification of DDX5-ETV4 fusion protein in prostate cancer.](#)

Han B, Mehra R, Dhanasekaran SM, Yu J, Menon A, Lonigro RJ, Wang X, Gong Y, Wang L, Shankar S, Laxman B, Shah RB, Varambally S, Palanisamy N, Tomlins SA, Kumar-Sinha C, Chinnaiyan AM.

Cancer Research 2008 Sep; 68(18):7629.

Application: WB, Human, Human prostate cancer, HEK 293 cells