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Datasheet for ABIN560805

## anti-ETV4 antibody (AA 1-207)

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### Overview

Quantity:	100 µg
Target:	ETV4
Binding Specificity:	AA 1-207
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ETV4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	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:	MYLHTEGFSG PSPGDGAMGY GYEKPLRPFP DDVCVAPEKF EGDIKQEGVG AFREGPPYQR RGALQLWQFL VALLDDPTNA HFAWTGRGM EFKLIEPEEV ARLWGIQKNR PAMNYDKLSR SLRYYYEKGI MQKVAGERYV YKFVCEPEAL FSLAFPDNQR PALKAEFDRP VSEEDTVPLS HLDESPAYLP ELAGPAQPFQ PKGGYSY
Clone:	3G9-1B9
Isotype:	IgG2a
Cross-Reactivity:	Human

## Product Details

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Characteristics: Antibody Reactive Against Recombinant Protein.

## Target Details

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Target: ETV4

Alternative Name: ETV4 ([ETV4 Products](#))

Background: Full Gene Name: ets variant 4  
Synonyms: E1A-F,E1AF,PEA3,PEAS3

Gene ID: 2118

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

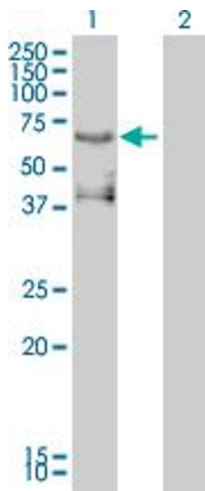
Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in: Pellecchia, Pescucci, De Lorenzo, Luceri, Passaro, Sica, Notaro, De Angioletti: "Overexpression of ETV4 is oncogenic in prostate cells through promotion of both cell proliferation and epithelial to mesenchymal transition." in: **Oncogenesis**, Vol. 1, pp. e20, (2013) ([PubMed](#)).

Han, Mehra, Dhanasekaran, Yu, Menon, Lonigro, Wang, Gong, Wang, Shankar, Laxman, Shah, Varambally, Palanisamy, Tomlins, Kumar-Sinha, Chinnaiyan: "A fluorescence in situ hybridization screen for E26 transformation-specific aberrations: identification of DDX5-ETV4 fusion protein in prostate cancer." in: **Cancer research**, Vol. 68, Issue 18, pp. 7629-37, (2008) ([PubMed](#)).

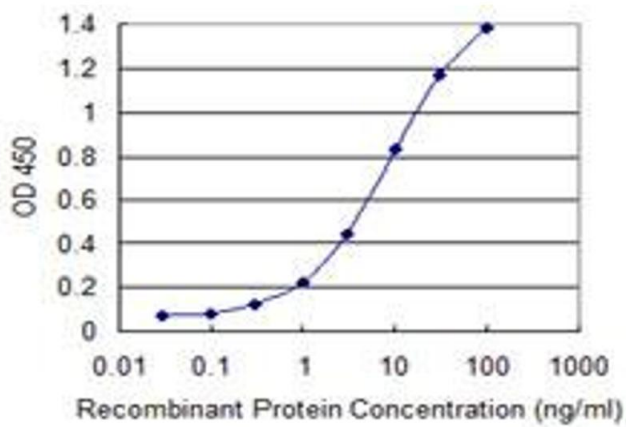


### Western Blotting

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

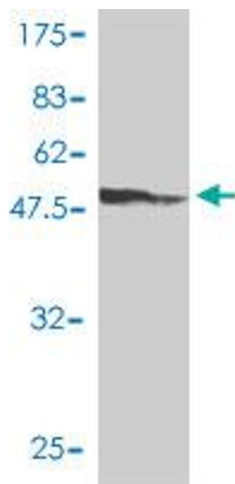
Lane 1: ETV4 transfected lysate(54 KDa).

Lane 2: Non-transfected lysate.



### ELISA

**Image 2.** Detection limit for recombinant GST tagged ETV4 is 0.1 ng/ml as a capture antibody.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (48.51 KDa) .