

Mouse anti-Human PEA3 / ETV4 Monoclonal Antibody | anti-PEA3 antibody

Mouse Monoclonal [clone 1A2G3] (IgG1) to Human PEA3 / ETV4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51872	Mouse	Human	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

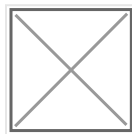
PEA3 / ETV4; Monoclonal Antibody; Mouse Monoclonal [clone 1A2G3] (IgG1) to Human PEA3 / ETV4; Anti-PEA3 / ETV4 Antibody (clone 1A2G3) IHC-plus; ETV4; ETS translocation variant 4; E1A-F; E1AF; Ets variant 4; PEA3; Protein PEA3; PEAS3; Human PEA3; anti-PEA3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1A2G3
Specificity	Human ETV4
Purity/Purification	Ascites
Form/Format	Ascites fluid, 0.03% sodium azide
Sequence Length	484
Applicable Applications for anti-PEA3 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Purified recombinant fragment of human ETV4 (aa50-109) expressed in E Coli.
Immunogen	PEA3 / ETV4 antibody was raised against purified recombinant fragment of human ETV4 (aa50-109) expressed in E Coli.
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

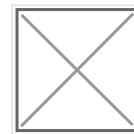
Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



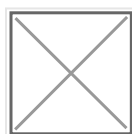
WB (Western Blot)

Western blot of anti-ETV4 mAb against K562 cell lysate (1).



IHC (Immunohistochemistry)

Anti-ETV4 / PEA3 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.



IHC (Immunohistochemistry)

Anti-ETV4 / PEA3 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118918421
NCBI GeneID	2118
NCBI Accession #	NP_001073143.1
NCBI GenBank Nucleotide #	NM_001079675.2
UniProt Accession #	P43268; Q96AW9; A8K314; B7Z5J3; B7Z9J6
Molecular Weight	23,422 Da
NCBI Official Full Name	ETS translocation variant 4 isoform 1
NCBI Official Synonym Full Names	ets variant 4
NCBI Official Symbol	ETV4
NCBI Official Synonym Symbols	E1AF; PEA3; E1A-F; PEAS3
NCBI Protein Information	ETS translocation variant 4; adenovirus E1A enhancer-binding protein; polyomavirus enhancer activator 3 homolog; EWS protein/E1A enhancer binding protein chimera; ets variant gene 4 (E1A enhancer-binding protein, E1AF)
UniProt Protein Name	ETS translocation variant 4
UniProt Gene Name	ETV4
UniProt Synonym Gene Names	E1AF; PEA3; Protein PEA3
UniProt Entry Name	ETV4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pea3-etv4-antibody-clone-1a2g3-western-blot-immunohistochemistry-elisa/51872>