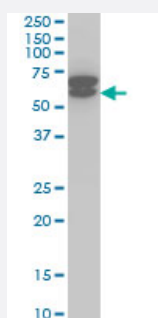


ETV6 monoclonal antibody (M01), clone 3B10

Catalog # H00002120-M01

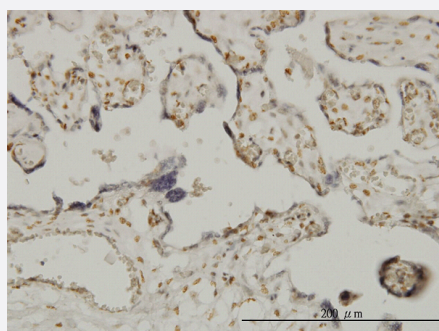
Size 100 ug

Applications



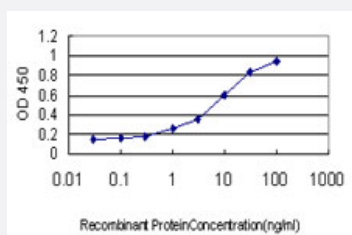
Western Blot (Cell lysate)

ETV6 monoclonal antibody (M01), clone 3B10 Western Blot analysis of ETV6 expression in Jurkat (Cat # L017V1).



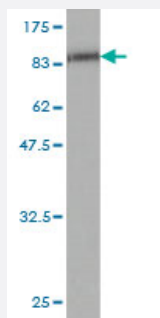
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ETV6 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ETV6 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (75.46 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant ETV6.
Immunogen	ETV6 (AAH43399, 1 a.a. ~ 452 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSETPAQCSIKQERISYTPPESPVPSYASSTPLHVPVPRALRMEEDSIRLPAHLRLQPIYWSRDDV AQWLKWAENEFSLRPIDSNTFEMNGKALLLLTKEDFRYRSPHSGDVLVELLQHLKQRKPRILFSP FFHPGNSIHTQPEVILHQNHEEDNCVQRTPRPSVDNVHHNPPTIELLHRSRSPITNHRPSDPDEQ RPLRSPLDNMIRRLSPAERAQGPRPHQENNHQESYPLSVSPMENNHCASSESHPKPSSPRQE STRVIQLMPSPIMHPLILNPRHSVDFKQSRLSEDGLHREGKPINLSHREDLAYMNHIMVSVSPPEE HAMPIGRIADCRLWDYVYQLLSDSRYENFIRWEDKESKIFRIVDPNGLARLWGNHKNRTNMTYEK MSRALRHYYKLNIRKEPGQRLLF RFMKTPEIMSGRTDRLEHLESQELDEQIQEDEC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (95)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (75.46 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 (Cell lysate)

ETV6 monoclonal antibody (M01), clone 3B10 Western Blot analysis of ETV6 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ETV6 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ETV6 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ETV6

Entrez GeneID [2120](#)

GeneBank Accession# [BC043399](#)

Protein Accession# [AAH43399](#)

Gene Name ETV6

Gene Alias TEL, TEL/ABL

Gene Description ets variant 6

Omim ID [131440](#) [600618](#) [601626](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes an ETS family transcription factor. The product of this gene contains two functional domains: a N-terminal pointed (PNT) domain that is involved in protein-protein interactions with itself and other proteins, and a C-terminal DNA-binding domain. Gene knockout studies in mice suggest that it is required for hematopoiesis and maintenance of the developing vascular network. This gene is known to be involved in a large number of chromosomal rearrangements associated with leukemia and congenital fibrosarcoma. [provided by RefSeq]

Other Designations

TEL oncogene|TEL1 oncogene|ets variant gene 6 (TEL oncogene)

Publication Reference

- [ETV6 mutations in early immature human T cell leukemias.](#)

Van Vlierberghe P, Ambesi-Impiombato A, Perez-Garcia A, Haydu JE, Rigo I, Hadler M, Tosello V, Della Gatta G, Paietta E, Racevskis J, Wiernik PH, Luger SM, Rowe JM, Rue M, Ferrando AA.

The Journal of Experimental Medicine 2011 Dec; 208(13):2571.

Application: WB, Human, LOUCY cells, Primary adult T cell acute lymphoblastic leukemias (T-ALLs) samples

- [The ETS Family Member TEL Binds to Nuclear Receptors RAR and RXR and Represses Gene Activation.](#)

Meester-Smoor MA, Janssen MJ, Ter Haar WM, van Wely KH, Aarnoudse AJ, van Oord G, van Tilburg GB, Zwarthoff EC.

PLoS One 2011 Sep; 6(9):e23620.

Application: WB-Re, Human, Recombinant proteins

Pathway

- [Dorso-ventral axis formation](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Multiple System Atrophy](#)
- [Myelodysplastic Syndromes](#)
- [Parkinson disease](#)
- [Tobacco Use Disorder](#)