

ETV6 Monoclonal antibody, PBS Only

Catalog Number: 67579-1-PBS

Basic Information

Catalog Number:

67579-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30054

GenBank Accession Number:

BC043399

GeneID (NCBI):

2120

UNIPROT ID:

P41212

Full Name:

ets variant 6

Calculated MW:

452 aa, 53 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

2A5A2

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

Human

Background Information

ETV6 (ETS Variant Transcription Factor 6), also known as TEL, is a Protein Coding gene. ETV6 is a member of the ETS family of transcription factors encoded by the ETS variant 6 gene (ETV6), located on chromosome 12p13.2. ETV6 protein contains 3 domains: a) the pointed N-terminal (i.e. PNT) domain which forms oligomer partners with itself as well as other transcription factors (e.g. FLI1) and is required for ETV6's transcriptional repressing activity; b) the central regulatory domain; and c) the C-terminal DNA-binding domain (PMID: 22578774). ETV6 is highly expressed in early hematopoietic progenitor cells (HPCs) and is essential for hematopoiesis in the bone marrow (PMID: 31248877).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

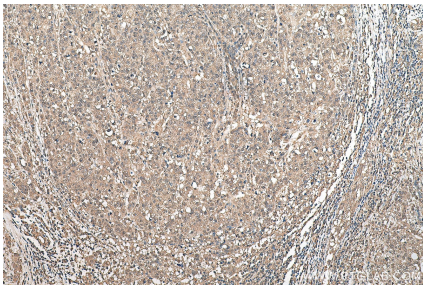
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

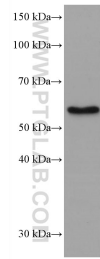
E: proteintech@ptglab.com
W: ptglab.com

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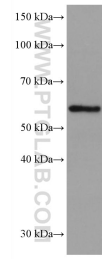
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67579-1-Ig (ETV6 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67579-1-PBS in a different storage buffer formulation.



Jurkat cells were subjected to SDS PAGE followed by western blot with 67579-1-Ig (ETV6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67579-1-PBS in a different storage buffer formulation.



K-562 cells were subjected to SDS PAGE followed by western blot with 67579-1-Ig (ETV6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67579-1-PBS in a different storage buffer formulation.