

## ETS1 Mouse mAb

CatalogNo: YM0255

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human

#### Applications

- WB,IHC,IF,FC,ELISA

#### MW

- 50kD (Calculated)

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:200-1:1000**

**IF 1:200-1:1000**

**Flow Cyt 1:200-1:400**

**ELISA 1:10000**

**Not yet tested in other applications.**

### Basic Information

**Clonality** Monoclonal

**Clone Number** 7A8

### Immunogen Information

**Immunogen** Purified recombinant fragment of human ETS1 expressed in E. Coli.

**Specificity** ETS1 Monoclonal Antibody detects endogenous levels of ETS1 protein.

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## | Target Information

**Gene name** ETS1

**Protein Name** Protein C-ets-1

Organism	Gene ID	UniProt ID
Human	<a href="#">2113</a> ;	<a href="#">P14921</a> ;
Mouse	<a href="#">23871</a> ;	<a href="#">P27577</a> ;

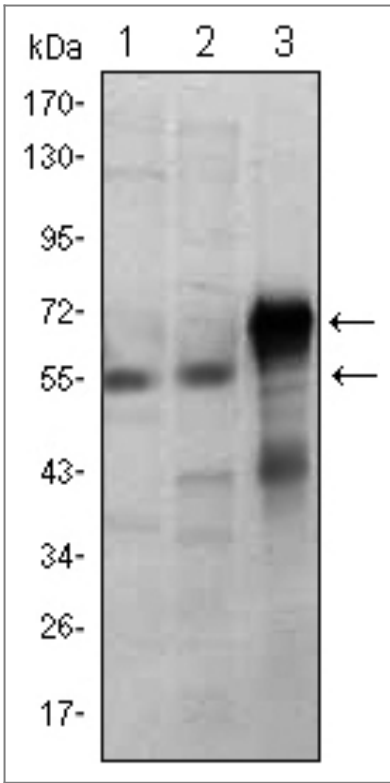
**Cellular Localization** Cytoplasm . Nucleus . Delocalizes from nucleus to cytoplasm when coexpressed with isoform Ets-1 p27. .

**Tissue specificity** Highly expressed within lymphoid cells. Isoforms c-ETS-1A and Ets-1 p27 are both detected in all fetal tissues tested, but vary with tissue type in adult tissues. None is detected in brain or kidney.

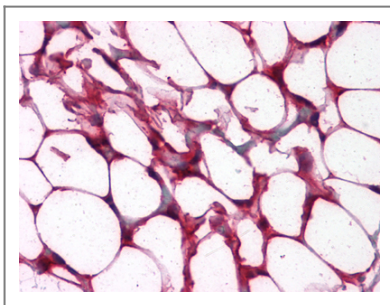
**Function** Disease:ETS is responsible for erythroblast and fibroblast transformation. The juxtaposition of the interferon and c-ETS-1 proto-oncogene may be involved in the pathogenesis of human monocytic leukemia.,Function:Transcription factor.,PTM:Sumoylated on Lys-15 and Lys-227, preferentially by SUMO2; which inhibits transcriptional activity.,PTM:Ubiquitinated; which induces proteasomal degradation.,similarity:Belongs to the ETS family.,similarity:Contains 1 ETS DNA-binding domain.,similarity:Contains 1 PNT (pointed) domain.,subunit:Interacts with MAF and MAFB (By similarity). Binds to DAXX. Interacts with UBE2L.,

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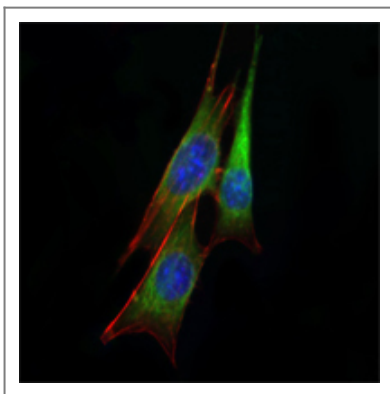
## | Validation Data



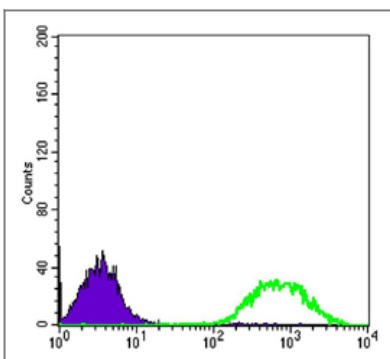
Western Blot analysis using ETS1 Monoclonal Antibody against Jurkat (1), HepG2 (2) and ETS1-hlgGfc transfected HEK293 (3) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human Colon, Adipocytes tissues with AEC staining using ETS1 Monoclonal Antibody.



Immunofluorescence analysis of NIH/3T3 cells using ETS1 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Jurkat cells using ETS1 Monoclonal Antibody (green) and negative control (purple).

## | Contact information

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Please scan the QR code  
to access additional  
product information:  
**ETS1 Mouse mAb**

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