

**Anti-ETS1 / Antibody**  
**Mouse Monoclonal Antibody**  
**Catalog # AH13204****Specification**

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**Anti-ETS1 / Antibody - Product Information**

Application	WB, IHC-P, IF, FC
Primary Accession	<a href="#">P14921</a>
Other Accession	<a href="#">369438</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG
Calculated MW	50408

**Anti-ETS1 / Antibody - Additional Information****Gene ID** 2113**Other Names**

Avian erythroblastosis virus E26 (v ets) oncogene homolog 1; ETS1; EWSR2; p54; v-ets erythroblastosis virus E26 oncogene homolog 1

**Application Note**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_FC">FC~~1:10~50</span>

**Format**

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

**Storage**

Store at 2 to 8°C. Antibody is stable for 24 months.

**Precautions**

Anti-ETS1 / Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-ETS1 / Antibody - Protein Information****Name** ETS1**Synonyms** EWSR2**Function**

Transcription factor (PubMed: <a href="http://www.uniprot.org/citations/10698492" target="\_blank">10698492</a>, PubMed: <a href="http://www.uniprot.org/citations/11909962"

target="\_blank">11909962</a>). Directly controls the expression of cytokine and chemokine genes in a wide variety of different cellular contexts (PubMed:<a href="http://www.uniprot.org/citations/20378371" target="\_blank">20378371</a>). May control the differentiation, survival and proliferation of lymphoid cells (PubMed:<a href="http://www.uniprot.org/citations/20378371" target="\_blank">20378371</a>). May also regulate angiogenesis through regulation of expression of genes controlling endothelial cell migration and invasion (PubMed:<a href="http://www.uniprot.org/citations/15247905" target="\_blank">15247905</a>, PubMed:<a href="http://www.uniprot.org/citations/15592518" target="\_blank">15592518</a>).

#### Cellular Location

Nucleus. Cytoplasm Note=Delocalizes from nucleus to cytoplasm when coexpressed with isoform Ets-1 p27.

#### Tissue Location

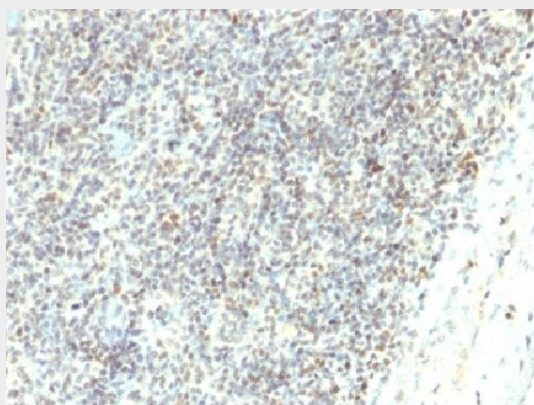
Highly expressed within lymphoid cells. Isoforms c- ETS-1A and Ets-1 p27 are both detected in all fetal tissues tested, but vary with tissue type in adult tissues. None is detected in brain or kidney.

### Anti-ETS1 / Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-ETS1 / Antibody - Images



Formalin-fixed, paraffin-embedded human Spleen stained with ETS1 Monoclonal Antibody (ETS1/1282).

### Anti-ETS1 / Antibody - Background

ETS1 proto-oncogene is an important transcription factor that plays a role in cell proliferation and differentiation. ETS1 is related to the growth of carcinoma cells by its regulation of the transcription of matrix metalloproteinases and urokinase-type plasminogen activator. The processes of tumor invasion and metastasis depend on the increased proteolytic activity of the invading tumor cells

that may involve matrix metalloproteinases, cathepsins B and D and plasminogen activator in the metastatic cascade. ETS1 is preferentially expressed in lymphoid cells, where it is essential for the maintenance of the normal pool of resting T and B cells. ETS1 expression level and distribution are differentially controlled in resting, activated and apoptotic lymphocytes.