

Anti-ETS1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

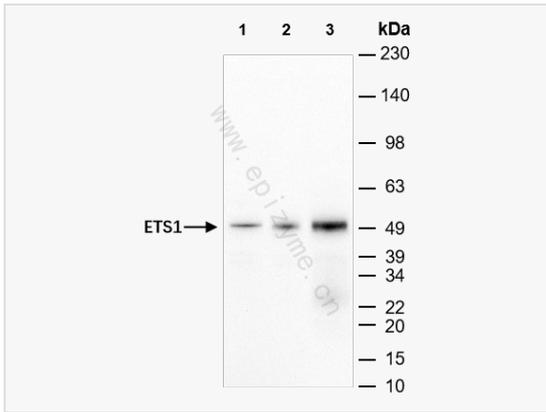
Catalog # R014343

Product Information

Application	IF (Cell)/ICC, WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	18M91H53
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ETS1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ETS1 Rabbit mAb [18M91H53] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Avian erythroblastosis virus E26 (v ets) oncogene homolog 1, C ets 1 protein, c-ets-1, ETS 1, Ets protein, ETS proto-oncogene 1, transcription factor, ETS1, ETS1 oncogene, ETS1 protein, ETS1_HUMAN, EWSR 2, EWSR2, FLJ10768, Oncogene ETS1, P54, Protein C-ets-1, v ets avian erythroblastosis virus E2 oncogene homolog, v ets avian erythroblastosis virus E2 oncogene homolog 1, v ets avian erythroblastosis virus E26 oncogene homolog 1, v ets erythroblastosis virus E26 oncogene homolog 1, v-ets erythroblastosis virus E26 oncogene homolog 1.
Calculated MW	Calculated MW: 50 kDa; Observed MW: 50 kDa
Uniprot ID	P14921, P27577, P41156
Gene ID	2113, 23871, 24356
Background	This gene encodes a member of the ETS family of transcription factors, which are defined by the presence of a conserved ETS DNA-binding domain that recognizes the core consensus DNA sequence GGAA/T in target genes. These proteins function either as transcriptional activators or repressors of numerous genes, and are involved in stem cell development, cell senescence and death, and tumorigenesis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]
Cellular Location	Nucleus.



Western Blot - Anti-ETS1 Rabbit mAb [18M91H53]

All lanes: R014343 at 1:1,000 dilution

Lane 1: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 2: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 3: Rat spleen whole tissue lysates

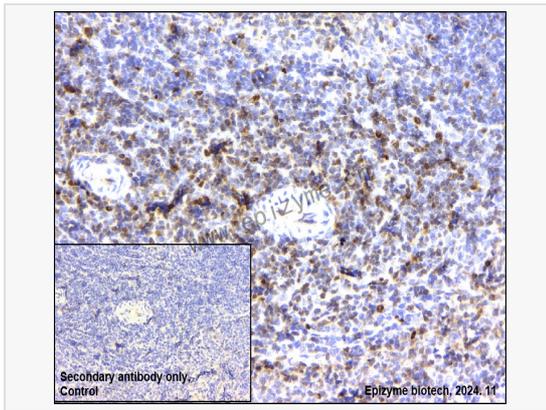
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 50 kDa

Observed band size: 50 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-ETS1 Rabbit mAb [18M91H53]

Sample: Paraformaldehyde-fixed, paraffin embedded rat spleen tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014343 at 1:200 dilution

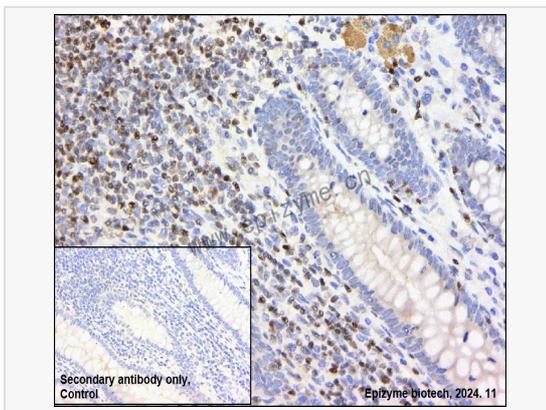
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-ETS1 Rabbit mAb [18M91H53]

Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014343 at 1:200 dilution

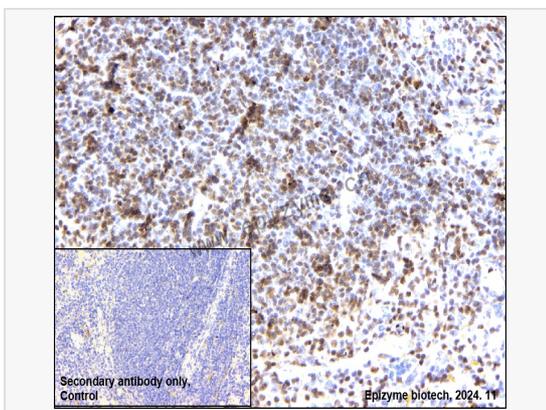
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-ETS1 Rabbit mAb [18M91H53]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse spleen tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014343 at 1:200 dilution

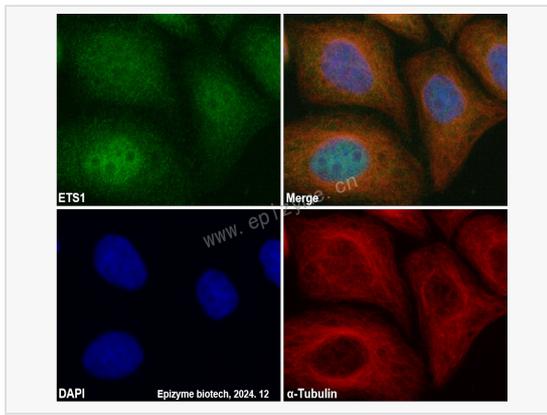
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunofluorescence - Anti-ETS1 Rabbit mAb [18M91H53]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R014343 at 1:100 dilution and α -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).