

Anti-ETS1 Antibody (8Q20)

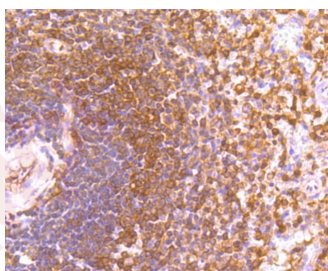
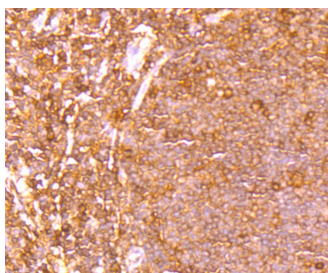
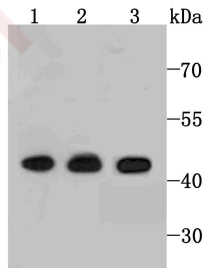
Product Details

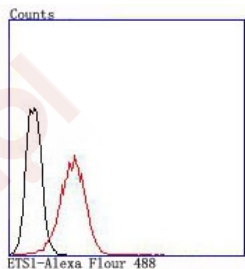
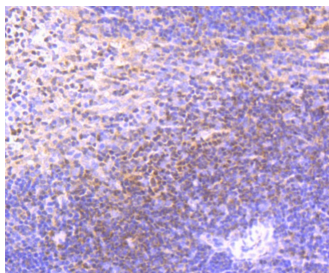
Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 50 kDa.
Clone:	8Q20
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of ETS1 on different cell using anti-ETS1 antibody at 1/1,000 dilution. Positive control: Line1: Jurkat, Line2: K562, Line3: HepG2.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-ETS1 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-ETS1 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-ETS1 antibody. Counter stained with hematoxylin.
5. Flow cytometric analysis of Jurkat cells with ETS1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).





Application: FCM,IHC,WB
Recommended WB: 1:500-2000; IHC: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein
Uniprot ID: P14921
Synonyms: hCG_1732038;ETS1 Protein;Protein C-ets-1;V-ets Erythroblastosis Virus E26 Oncogene Homolog 1 (Avian);ETS1;Isoform CRA_a

Research Background

Ets-1 is the prototype member of a family of genes identified on the basis of homology to the v-Ets oncogene isolated from the E26 erythroblastosis virus. This family of genes currently includes Ets-1, Ets-2, Erg-1-3, Elk-1, Elf-1, Elf-5, NERF, PU.1, PEA3, ERM, FEV, ER81, Fli-1, TEL, Spi-B, ESE-1, ESE-3A, Net, ABT1 and ERF. Members of the Ets gene family exhibit varied patterns of tissue expression, and share a highly conserved carboxy terminal domain containing a sequence related to the SV40 large T antigen nuclear localization signal sequence. This conserved domain is essential for Ets-1 binding to DNA and is likely to be responsible for the DNA binding activity of all members of the Ets gene family. Several of these proteins have been shown to recognize similar motifs in DNA that share a centrally located 5'-GGAA-3' element. Evidence indicates that the DNA binding activity by Ets-1 is regulated at the level of phosphorylation.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481