

ETS1 monoclonal antibody

Catalog: MB66887

Host: Mouse

Reactivity: Human

BackGround:

ETS-1 is a proto-oncoprotein that belongs to the E26 Transformation-specific Sequence family of transcription factors that share a unique and highly conserved DNA binding domain. ETS-1 plays important roles in vascular development and angiogenesis, and vascular inflammation and remodeling. The target genes of ETS-1 include receptor tyrosine kinases, MMPs, and cell adhesion molecules. In addition, ETS-1 is involved in regulation of energy metabolism in cancer cells. ETS-1 activity is regulated by two different types of phosphorylation sites. While phosphorylation at a cluster of serine residues in the exon VII domain by CaMKII inhibits ETS-1 DNA binding activity, phosphorylation at its Thr38 site by Ras activates ETS-1.

Product:

Mouse IgG2b kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 56 kDa

Swiss-Prot:

P14921

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000), IF/ICC (1/10 - 1/50)

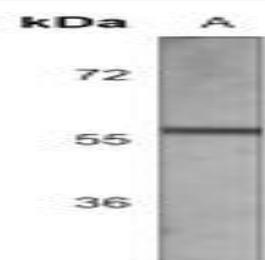
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

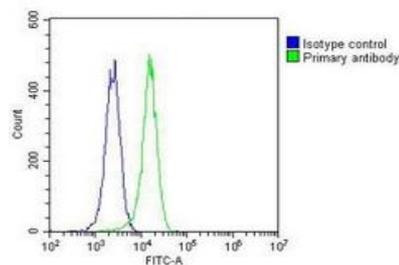
Specificity:

Recognizes endogenous levels of ETS1 protein.

DATA:



Western blot analysis of ETS1 expression in MOLT4 (A) whole cell lysates.



Note:

For research use only, not for use in diagnostic procedure.

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