

# ERG Rabbit mAb

Catalog # AP77377

## Product Information

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<b>Application</b>	WB, IHC-P, FC
<b>Primary Accession</b>	<a href="#">P11308</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	53838

## Additional Information

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<b>Gene ID</b>	2078
<b>Other Names</b>	ERG
<b>Dilution</b>	WB~~1:1000 IHC-P~~N/A FC~~1:10~50
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	ERG
<b>Function</b>	Transcriptional regulator. May participate in transcriptional regulation through the recruitment of SETDB1 histone methyltransferase and subsequent modification of local chromatin structure.
<b>Cellular Location</b>	Nucleus {ECO:0000255   PROSITE-ProRule:PRU00237, ECO:0000269   PubMed:17289661}. Cytoplasm Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs

## Background

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This gene encodes a member of the erythroblast transformation-specific (ETS) family of transcription factors. All members of this family are key regulators of embryonic development, cell proliferation, differentiation, angiogenesis, inflammation, and apoptosis. The protein encoded by this gene is mainly

expressed in the nucleus. It contains an ETS DNA-binding domain and a PNT (pointed) domain which is implicated in the self-association of chimeric oncoproteins.

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