



# ERG Rabbit mAb

<b>Catalog No</b>	YP-Ab-17722
<b>Isotype</b>	IgG
<b>Gene Name</b>	ERG
<b>Alternative Names</b>	ERG; erg-3; p55; KCNH2
<b>Background</b>	This gene encodes a member of the erythroblast transformation-specific (ETS) family of transcriptions 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.
<b>Research Field</b>	Epigenetics and Nuclear Signaling
<b>Product Categories</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human,Mouse,Rat
<b>Application</b>	WB,IHC-P,ICC/IF,ChIP
<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ChIP: 1/20
<b>Molecular Weight</b>	Calculated MW: 54 kDa; Observed MW: 54 kDa
<b>Clonality</b>	Monoclonal Antibody
<b>Immunogen</b>	A synthesized peptide derived from human ERG
<b>Clonality No.</b>	R09-9J7
<b>Purification</b>	Affinity Chromatography
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Form</b>	Liquid
<b>Buffer System</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 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.
<b>Background</b>	Dehydrogenase that mediates the formation of 2,5-dihydroxybenzoic acid (2,5-DHBA), a siderophore that shares structural similarities with bacterial enterobactin and associates with LCN2, thereby playing a key role in iron assimilation and homeostasis.



**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

