

Recombinant

DGRmAb®

ERG (DGR14749) Rabbit mAb

db15239

Package : 10µL 20µL 50µL 100µL

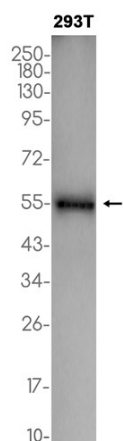
Product Name : ERG (DGR14749) Rabbit mAb**Cat.No.:** db15239**Synonyms** : p55; erg-3**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse**Host species** : Rabbit**Background**

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. This protein is required for platelet adhesion to the subendothelium, inducing vascular cell remodeling. It also regulates hematopoiesis, and the differentiation and maturation of megakaryocytic cells. This gene is involved in chromosomal translocations, resulting in different fusion gene products, such as TMPSSR2-ERG and NDRG1-ERG in prostate cancer, EWS-ERG in Ewing's sarcoma and FUS-ERG in acute myeloid leukemia. More than two dozens of transcript variants generated from combinatorial usage of three alternative promoters and multiple alternative splicing events have been reported, but the full-length nature of many of these variants has not been determined.

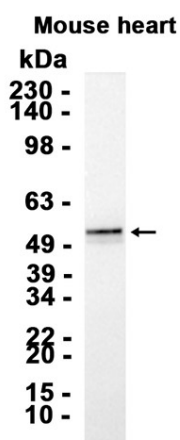
[provided by RefSeq, Apr 2014]

Immunogen A synthetic peptide of human ERG**Gene ID** 2078**Swiss Prot** P11308**Synonyms** p55; erg-3**Reactivity** Human,Mouse**Application** WB, IHC-P, ICC/IF, FC, IP**Recommended dilution**
WB: 1:1000
IHC-P: 1:100-1:200
ICC/IF: 1:200-1:500
FC: 1:100
IP: 1:20-1:50

Calculated MW	55 kDa
Observed MW	55 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14749
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from 293T cells using db15239 at 1:1000.



Western blot analysis of extracts from Mouse heart tissue using db15239 at 1:1000.