

Anti-ERG Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

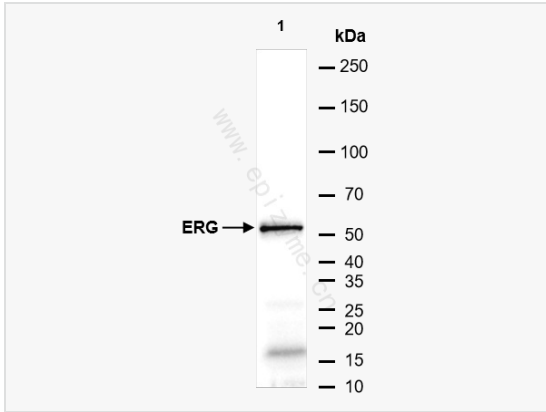
Catalog # R013950

Product Information

Application	ELISA, WB, IHC-P/IF (Tissue-P)
Reactivity	Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	19E22Q08
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ERG
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ERG Rabbit mAb [19E22Q08] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Avian erythroblastosis virus E-26 (v-ets) oncogene related, D030036I24Rik, Erg 3, Erg, ERG/EWS fusion gene, included, ERG/FUS fusion gene, included, ERG/TMPSSR2 fusion gene, included, ERG_HUMAN, ERG1, included, ERG2, included, ets related, ETS-related gene, KCNH2, Oncogene ERG, p55, TMPRSS2/ERG fusion, transcriptional regulator ERG (transforming protein ERG), Transcriptional regulator ERG, Transforming protein ERG, v ets avian erythroblastosis virus E26 oncogene, v ets avian erythroblastosis virus E26 oncogene related, v ets erythroblastosis virus E26 oncogene homolog, v ets erythroblastosis virus E26 oncogene like, v ets erythroblastosis virus E26 oncogene like isoform 2, v-ets erythroblastosis virus E26 oncogene, v-ets erythroblastosis virus E26 oncogene homolog (avian), V-ets erythroblastosis virus E26 oncogene like (Avian), isoform CRA_e.
Calculated MW	Calculated MW: 55 kDa; Observed MW: 55 kDa
Uniprot ID	P11308
Gene ID	2078
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.
Cellular Location	Nucleus. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.



Western Blot - Anti-ERG Rabbit mAb [19E22Q08]

All lanes: R013950 at 1:1,000 dilution

Lane 1: Rat spleen whole tissue lysates

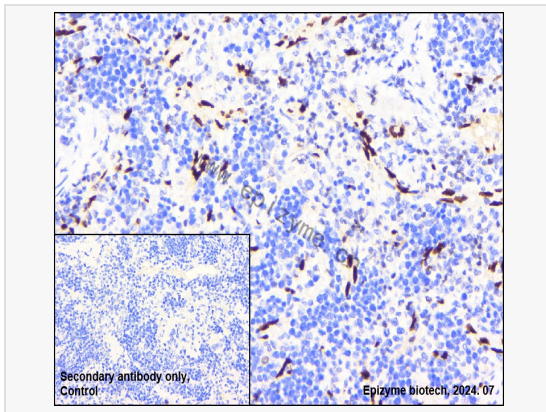
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 55 kDa

Observed band size: 55 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-ERG Rabbit mAb [19E22Q08]

Sample: Paraformaldehyde-fixed, paraffin embedded rat spleen tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013950 at 1:200 dilution

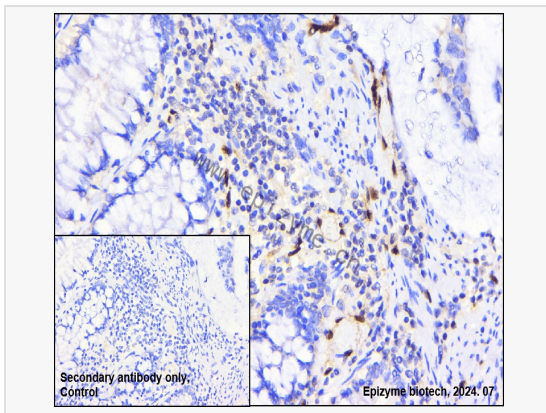
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-ERG Rabbit mAb [19E22Q08]

Sample: Paraformaldehyde-fixed, paraffin embedded human colorectal carcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013950 at 1:200 dilution

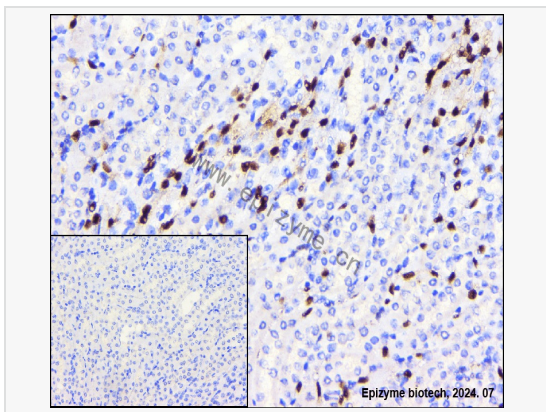
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-ERG Rabbit mAb [19E22Q08]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse kidney tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013950 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.