

Mouse anti-Human ERG Monoclonal Antibody | anti-ERG antibody

ERG Mouse anti-Human Monoclonal (8A9) Antibody

CATALOG # AAA21350	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
------------------------------	----------------------	----------------------------	---

PRODUCT SYNONYMS

ERG; Monoclonal Antibody; ERG Mouse anti-Human Monoclonal (8A9) Antibody; PathPlus ERG Antibody (clone 8A9); ERG-3; Ets-related; TMPRSS2/ERG fusion; Transcriptional regulator ERG; p55; Transforming protein ERG; anti-ERG antibody

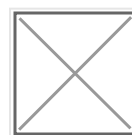
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	8A9
Specificity	Human ERG
Purity/Purification	Protein A/G purified
Form/Format	PBS, pH7.3, 0.02% Sodium Azide, 50% Glycerol, 1% BSA
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ERG antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target	Human ERG
Immunogen	Full length human recombinant protein of human ERG(NP_891548) produced in HEK293T cell.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

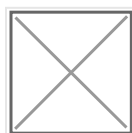
IMAGES


IHC (Immunohistochemistry)

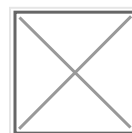
ERG Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)


IHC (Immunohistochemistry)

ERG Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)


IHC (Immunohistochemistry)

ERG Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)


IHC (Immunohistochemistry)

ERG Antibody-Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

**IHC (Immunohistochemistry)**

ERG Antibody-Human Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE)

**WB (Western Blot)**

ERG Antibody-HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ERG (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ERG.

ADDITIONAL INFORMATION

Related Product Information for anti-ERG antibody	ERG antibody is an unconjugated mouse monoclonal antibody to human ERG. Validated for IF, IHC and WB. ERG (ETS Transcription Factor) is a member of the erythroblast transformation-specific family of transcription factors that act as key regulators of embryogenesis, differentiation, cell proliferation, angiogenesis, inflammation, and apoptosis. This protein contains an ETS DNA-binding domain and a PNT domain which is implicated in the self-association of chimeric oncoproteins. ERG is required for platelet adhesion to the endothelium during vascular remodeling, and is involved in the maturation of megakaryocytes. Chromosomal translocations between ERG and various genes are implicated in prostate cancer, Ewing's sarcoma, and acute myeloid leukemia. The normal protein is expressed in the nucleus and cytoplasm of a variety of tissues.
References	Medical Epigenetics 2015 3:19; Biochem Soc Trans 2009 37(pt6):1248; Science 2005 310:644

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758300
NCBI GeneID	2078
NCBI Accession #	NP_004440.1
NCBI GenBank Nucleotide #	NM_004449
UniProt Accession #	P11308 ; Q16113 ; Q6XXX4 ; Q6XXX5 ; Q8IXK9 ; B4DTW5 ; B4E0T4
Molecular Weight	36,541 Da
NCBI Official Full Name	transcriptional regulator ERG isoform 2
NCBI Official Synonym Full Names	v-ets avian erythroblastosis virus E26 oncogene homolog
NCBI Official Symbol	ERG
NCBI Official Synonym Symbols	p55; erg-3
NCBI Protein Information	transcriptional regulator ERG; ets-related; TMPRSS2/ERG fusion; v-ets erythroblastosis virus E26 oncogene like; v-ets erythroblastosis virus E26 oncogene homolog; v-ets avian erythroblastosis virus E26 oncogene related; transcriptional regulator ERG (tran
UniProt Protein Name	Transcriptional regulator ERG
UniProt Gene Name	ERG
UniProt Entry Name	ERG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/erg-antibody-clone-8a9-immunofluorescence-immunohistochemistry-western-blot-elisa/21350>