

For Research Use Only

ERG Recombinant monoclonal antibody

Catalog Number:88009-1-RR



Basic Information

Catalog Number: 88009-1-RR	GenBank Accession Number: BC040168	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 2078	CloneNo.: 253522H8
Isotype: IgG	UNIPROT ID: P11308	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:200-1:800
Immunogen Catalog Number: AG5708	Full Name: v-ets erythroblastosis virus E26 oncogene homolog (avian)	
	Calculated MW: 55 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : VCaP cells, Jurkat cells, RAW 264.7 cells
Species Specificity: human, mouse	IF/ICC : MOLT-4 cells,

Background Information

ERG (ETS-related gene) is a member of the ETS family of transcription factors, which are downstream effectors of mitogenic signaling transduction pathway. ERG is a key regulator of cell proliferation, differentiation, angiogenesis, inflammation, and apoptosis. ERG 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.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

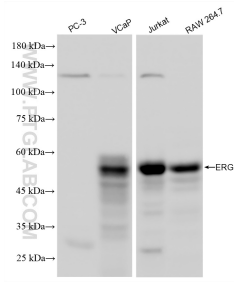
T: 4006900926

E: Proteintech-CN@ptglab.com

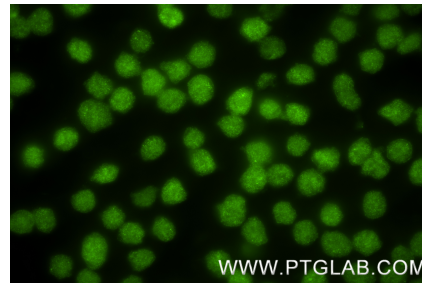
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88009-1-RR (ERG antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MOLT-4 cells using ERG antibody (88009-1-RR, Clone: 253522H8) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).