

For Research Use Only

CoraLite® Plus 488-conjugated ERG Polyclonal antibody



Catalog Number: CL488-14356

Featured Product

Basic Information

Catalog Number: CL488-14356	GenBank Accession Number: BC040168	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2078	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Source: Rabbit	Full Name: v-ets erythroblastosis virus E26 oncogene homolog (avian)	
Isotype: IgG	Calculated MW: 55 kDa	
Immunogen Catalog Number: AG5708	Observed MW: 55 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human ERG (CL488-14356) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).