

For Research Use Only

CoraLite® Plus 488-conjugated ERG Polyclonal antibody



Catalog Number: CL488-14356

Featured Product

Basic Information

Catalog Number:

CL488-14356

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5708

GenBank Accession Number:

BC040168

GeneID (NCBI):

2078

UNIPROT ID:

P11308

Full Name:

v-ets erythroblastosis virus E26 oncogene homolog (avian)

Calculated MW:

55 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

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

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).