

For Research Use Only

CoraLite® Plus 488-conjugated FOXO4 Recombinant monoclonal antibody

Catalog Number:CL488-86236



Basic Information

Catalog Number:

CL488-86236

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16169

GenBank Accession Number:

BC106761

GeneID (NCBI):

4303

UNIPROT ID:

P98177

Full Name:

forkhead box O4

Calculated MW:

505 aa, 54 kDa

Observed MW:

65 kDa

Purification Method:

Protein A purification

CloneNo.:

250921F4

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HEK-293 cells,

Background Information

FOXO4, also named as AFX, AFX1 and MLLT7, is a transcription factor that is involved in the regulation of the insulin signaling pathway. It binds to insulin-response elements (IREs) and can activate transcription of IGFBP1. FOXO downregulates the expression of HIF 1A and suppresses hypoxia-induced transcriptional activation of HIF1A-modulated genes. It is involved in negative regulation of the cell cycle. A chromosomal aberration involving FOXO4 is found in acute leukemias.

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, pH7.3

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



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using CoraLite® Plus 488 FOXO4 antibody (CL488-86236, Clone: 250921F4) at dilution of 1:200, CL594-phalloidin (red).