

For Research Use Only

CoraLite®594-conjugated BACH1 Monoclonal antibody



Catalog Number:CL594-66762

Featured Product

Basic Information

Catalog Number:

CL594-66762

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6011

GenBank Accession Number:

BC063307

GeneID (NCBI):

571

ENSEMBL Gene ID:

ENSG00000156273

UNIPROT ID:

O14867

Full Name:

BTB and CNC homology 1, basic
leucine zipper transcription factor 1

Calculated MW:

82 kDa

Observed MW:

100-110 kDa, 82 kDa

Purification Method:

Protein G purification

CloneNo.:

2D12A4

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human, Rat, mouse, pig, rabbit

Background Information

BTB and CNC homology 1, basic leucine zipper transcription factor 1(BACH1) is a heme-regulated transcriptional regulator that acts as repressor or activator and a member of the AP-1 superfamily. MafK belongs to the small Maf family that can function as transcriptional activators or repressors depending on the proteins with which they form heterodimers. BACH1 has crucial roles in both stress responses and transformation by H-RasV12. The molecular weight of expected mobility Bach1 is 100-110 kDa.

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:

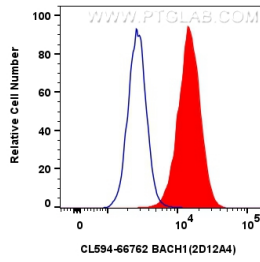
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ K-562 cells were intracellularly stained with 0.8 ug CoraLite®594-conjugated BACH1 Monoclonal antibody (CL594-66762, Clone:2D12A4)(red), or 0.8 ug CoraLite®594 Mouse IgG1 Isotype Control (MOPC-21) (CL594-65124, Clone: MOPC-21) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).