

For Research Use Only

KLF5 Monoclonal antibody, PBS Only



Catalog Number: 66850-1-PBS

Featured Product

Basic Information

Catalog Number:

66850-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG15403

GenBank Accession Number:

BC042131

GeneID (NCBI):

688

UNIPROT ID:

Q13887

Full Name:

Kruppel-like factor 5 (intestinal)

Calculated MW:

457 aa, 51 kDa

Observed MW:

51-57 kDa

Purification Method:

Protein G purification

CloneNo.:

2C11C5

Applications

Tested Applications:

Indirect ELISA, WB

Species Specificity:

mouse, human

Background Information

KLF5, also known as BTEB2 and IKLF, is a member of the Krueppel-like transcription factor family. It is a transcription factor for SMemb/non-muscle myosin heavy chain-B (NMHC-B). It is a molecular marker of phenotypically modulated smooth-muscle cells. KLF5 seems to be a key element linking external stress and cardiovascular remodeling.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

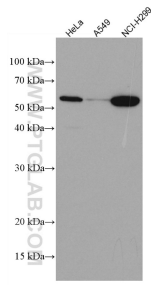
T: 4006900926

E: Proteintech-CN@ptglab.com

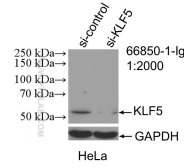
W: ptgcn.com

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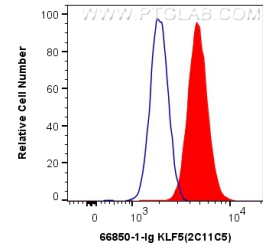
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66850-1-Ig (KLF5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66850-1-PBS in a different storage buffer formulation.



WB result of KLF5 antibody (66850-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-KLF5 transfected HeLa cells. This data was developed using the same antibody clone with 66850-1-PBS in a different storage buffer formulation.



1×10^6 HeLa cells were intracellularly stained with 0.5 μ g Anti-Human KLF5 (66850-1-Ig, Clone:2C11C5) (red) labeled with FlexAble CoraLite[®] Plus 555 Antibody Labeling Kit for Mouse IgG1 (KFA022), or 0.5 μ g Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 66850-1-PBS in a different storage buffer formulation.