

For Research Use Only

KLF9 Recombinant antibody

Catalog Number: 83183-4-RR



Basic Information

Catalog Number:

83183-4-RR

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34411

GenBank Accession Number:

BC074880

GeneID (NCBI):

687

UNIPROT ID:

Q13886

Full Name:

Kruppel-like factor 9

Calculated MW:

27 kDa

Observed MW:

27-35 kDa

Purification Method:

Protein A purification

CloneNo.:

230436H2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, K-562 cells, HepG2 cells, A549 cells, U2OS cells

Background Information

Krüppel-like factor 9 (KLF9) was a member of SP/KLF family of DNA-binding transcriptional regulators featured by a highly homologous C-terminal three C2H2-type zinc finger DNA-binding domains. KLF9 has been previously reported to be downregulated in various types of human malignancy and serves as a tumour suppressor at tumour onset and development, affecting cell proliferation, apoptosis, metastasis and tumorigenicity (PMID: 32855660).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

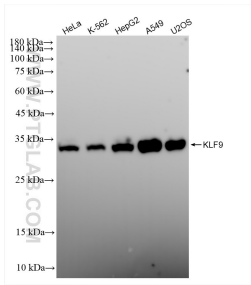
For technical support and original validation data for this product please contact:

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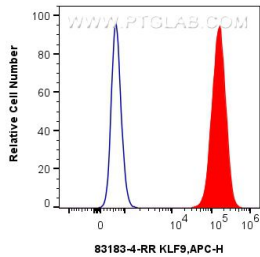
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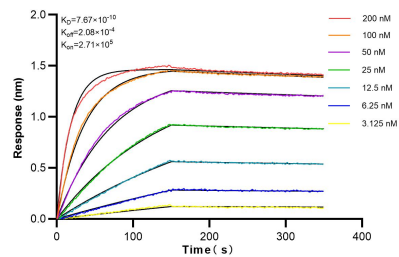
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83183-4-RR (KLF9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1x10⁶ A549 cells were intracellularly stained with 0.25 ug KLF9 Recombinant antibody (83183-4-RR, Clone:230436H2) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



Biolayer interferometry (BLI) kinetic assays of 83183-4-RR against Human KLF9 were performed. The affinity constant is 0.767 nM.