

Product Datasheet

KLF4 Antibody (4E6) - BSA Free NBP1-21047

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-21047

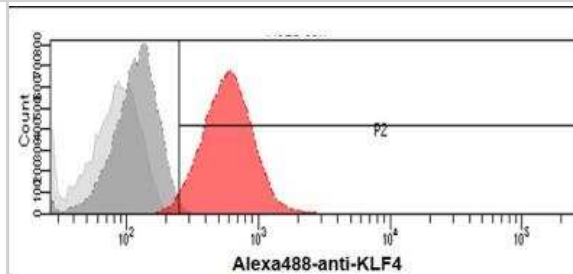
KLF4 Antibody (4E6) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E6
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4), 10% Glycerol
Target Molecular Weight	55 kDa
Product Description	
Host	Mouse
Gene ID	9314
Gene Symbol	KLF4
Species	Human
Immunogen	Recombinant human KLF4 (1-170aa) purified from E. coli (NP_004226.3).
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1x10 ⁶ cells , ELISA 1:100-1:2000

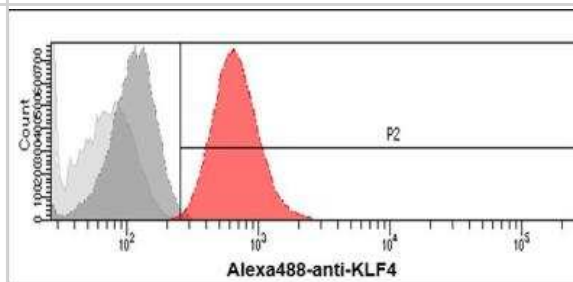


Images

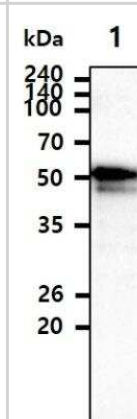
Western Blot: KLF4 Antibody (4E6) [NBP1-21047] - Analysis of KLF4 in HeLa cells. The cell was stained with ATGA0129 at 2-5ug for 1×10^6 cells (red). A Goat anti mouse IgG (Alexa fluor 488) was used as the secondary antibody. Mouse monoclonal IgG was used as the isotype control (dark gray), cells without incubation with primary and secondary antibody was used as the negative control (light gray).



Flow Cytometry: KLF4 Antibody (4E6) [NBP1-21047] - Analysis of KLF4 in A549 cells. The cell was stained at 2-5ug for 1×10^6 cells (red). A Goat anti mouse IgG (Alexa fluor 488) was used as the secondary antibody. Mouse monoclonal IgG was used as the isotype control (dark gray), cells without incubation with primary and secondary antibody was used as the negative control (light gray).



Western Blot: KLF4 Antibody (4E6) [NBP1-21047] - The recombinant protein (20ug) was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human KLF4 antibody (1:3000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: Recombinant human KLF4 protein



Publications

Gao C, Zhang T, Wei Y et al. Development of a Microfluidic Flow Cytometer with a Uniform Optical Field (Uni-FCM) Enabling Quantitative Analysis of Single-Cell Proteins and Its Applications in Leukemia Gating, Tumor Classification, and Hierarchy of Cancer Stem Cells ACS sensors 2023-08-21 [PMID: 37602731]



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Products Related to NBP1-21047

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-52014-0.1mg	Recombinant Human KLF4 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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