German Research Products - GRP GmbH

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Product Datasheet

KLF4 antibody GRP23

Description Transcription factor which acts as both an activator and

repressor. Binds the CACCC core sequence. Binds to multiple sites in the 5'-flanking region of its own gene and can activate its own transcription. Required for establishing the barrier function of the skin and for postnatal maturation and maintenance of the ocular surface. Involved in the differentiation of epithelial cells and may

also function in skeletal and kidney development.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications FACS, ICC, IF, IP, WB

Immunogen Recombinant protein encompassing a sequence within the

C-terminus region of human KLF4. The exact sequence is

proprietary.

Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 Form/Appearance

was added as a preservative.

Concentration 0.23 mg/ml

Store as concentrated solution. Centrifuge briefly prior to open invial. For short-term storage (1-2 weeks), store at 4° C. For Storage

long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Note For research use only.

Isotype IgG

Clonality Polyclonal

Purity Purified by antigen-affinity chromatography.

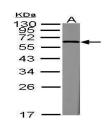
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WB: 1:500-1:3000,FACS: 1:50-1:200,IP: 1:100-1:500 **Dilution Range**

Various whole cell extracts

(30 ?g) were separated by 10% SDS-PAGE, and the membrane was blotted with KLF4 antibody (GRP475) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary



antibody.

Sample (20 ?g of whole cell

lysate) A: mouse ESC 12% SDS PAGE GRP475 diluted at

1:3000 The HRP-conjugated

anti-rabbit IgG antibody was used to

detect the primary antibody.