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KLF15 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1260a

Product Information

Application	WB, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	2G8
Isotype	IgG1
Calculated MW	44 KDa
Description	KLF15 (Kruppel-like factor 15), also known as KKLF, DKFZp779M1320. Entrez Protein NP_054798. Sequence analysis predicted that the 416 amino acid KLF15 protein, which is 84% identical to the rat Klf15 protein, contains 3 zinc finger motifs at its C terminus, N-terminal serine-rich stretches, and a central proline-rich segment.KLF15, a kidney-enriched Krueppel-like factor, is a transcriptonal activator that binds the CLCNKA promoter. KLF15, which is a nuclear protein, is expressedprimarily in liver, heart, skeletal muscle and kidney tissues but is not detected in lymphoid tissues or bone marrow. KLF15 is an important regulator of GLUT4 in both adipose and muscle tissues.
Immunogen	Purified recombinant fragment of human KLF15 expressed in E. Coli.
Formulation	Ascitic fluid containing 0.03% sodium azide.

Additional Information

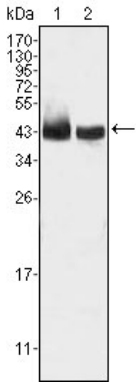
Dilution	WB~~1/500 - 1/2000 E~~N/A
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	KLF15 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

References

1. Mol Cell Biol. 2000 Oct;20(19):7319-31. 2. Diabetologia. 2005 Jul;48(7):1315-22.

Images

Figure 1: Western blot analysis using KLF15 mouse mAb



against HepG2 (1) and SMMC-7721 (2) cell lysate.

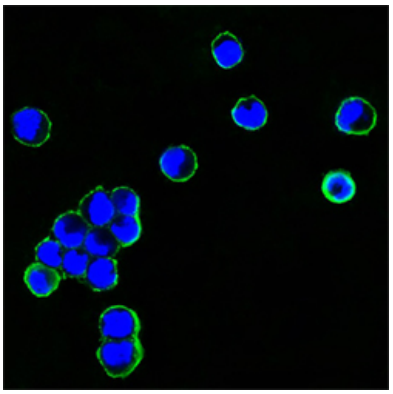


Figure 2: Confocal immunofluorescence analysis of HEK293 cells transfected with recombinant plasmid with human IgG Fc tag using human IgGFc mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

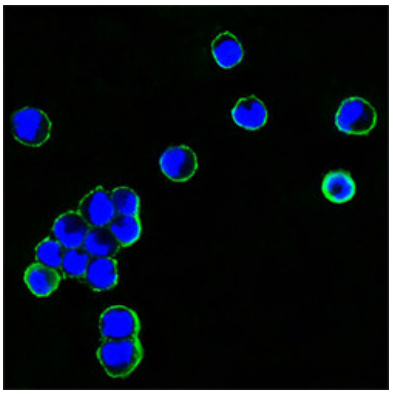


Figure 2: Confocal immunofluorescence analysis of HEK293 cells transfected with recombinant plasmid with human IgG Fc tag using mouse anti-human IgGFc antibody (green). Blue: DRAQ5 fluorescent DNA dye.