

Anti-KLF4 (3B3) Mouse Monoclonal Antibody

Introduction

KLF4 is a member of the erythroid Kruppel-like factor (EKLF) multigene family that is highly expressed in the differentiating layers of the epidermis. KLF4 plays a critical role in the differentiation of epithelial cells and is essential for normal gastric homeostasis and function as both a repressor and activator of transcription.

Product parameters

Alternative Names	Endothelial Kruppel like zinc finger protein; Epithelial zinc finger protein EZF; EZF; GKLF; Gut-enriched krueppel-like factor; KLF; KLF4; KLF4_HUMAN; Krueppel-like factor 4; Kruppel like factor 4; Epithelial zinc finger protein EZF; Gut enriched Krueppel like factor; Kruppel like factor 4 (gut).
Gene ID	9314
Gene Name	KLF4
SwissProt ID	O43474
Host	Mouse
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 55 kDa; Observed MW: 55,65 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG2b
Isotype	Monoclonal Antibody
Clonality No.	AP-1F12H3
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Purified recombinant human KLF4 protein fragments expressed in E.coli.
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Application	WB
Dilution Ratio	WB: 1/500-1/1000
Research Field	Epigenetics and Nuclear Signaling
Product Categories	Primary antibody

Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.

APExBIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com