

## Product datasheet for **TA346988S**

### Klf4 Mouse Monoclonal Antibody [Clone ID: 3B3-B11-E6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	3B3-B11-E6
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	The immunogen for KLF4 antibody: purified recombinant mouse KLF4 protein fragments expressed in E.coli.
Formulation:	ascites
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55/65 kDa
Gene Name:	Kruppel-like factor 4 (gut)
Database Link:	<a href="#">NP_034767</a> <a href="#">Entrez Gene 9314 Human</a> <a href="#">Q60793</a>
Background:	Transcription factor; can act both as activator and as repressor. Binds the 5'-CACCC-3' core sequence. Binds to the promoter region of its own gene and can activate its own transcription. Regulates the expression of key transcription factors during embryonic development. Plays an important role in maintaining embryonic stem cells, and in preventing their differentiation. 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. Contributes to the down-regulation of p53/TP53 transcription.
Synonyms:	EZF; GKLF

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