



## Mouse anti-Human KLF12 monoclonal antibody, clone 4F5 (CABT-B10527)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Immunogen</b>	KLF12 (NP_009180, 1 a.a. ~ 91 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4F5
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA
<b>Sequence Similarities</b>	MNIHMKRKTIKNINTFENRMLMLDGMPAVRVKTELLESEQGSPNVHNYPDMEAVPLLLNN VKGEPPEDSLSVDHFQTQTEPVDSLNSINKAR*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### BACKGROUND

<b>Introduction</b>	Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and important regulator of gene expression during vertebrate development and carcinogenesis. The
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protein encoded by this gene is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

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<b>Keywords</b>	KLF12; Kruppel-like factor 12; AP2REP; AP-2rep; HSPC122; Krueppel-like factor 12; AP-2 repressor; AP-2rep transcription factor; transcriptional repressor AP-2rep; KLF12 zinc finger transcriptional repressor;
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## GENE INFORMATION

**Entrez Gene ID** [11278](#)

**UniProt ID** [Q9Y4X4](#)

**Function** DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity; zinc ion binding

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