


## Product datasheet

# Anti-Elf4/MEF antibody ab54994

画像数 1

### 製品の概要

製品名	Anti-Elf4/MEF antibody
製品の詳細	Mouse monoclonal to Elf4/MEF
由来種	Mouse
アプリケーション	適用あり: WB
種交差性	交差種: Recombinant fragment 交差が予測される動物種: Human 
免疫原	Recombinant fragment: IAAFIRTSGT TAAPRVKEGP LRSSSYVQGM VTGAPMEGLL VPEETLRELL RDQAHLQPLP TQVVSRGSHN PSL LGNQTLS PPSRPTVGLT PV, corresponding to amino acids 521-613 of Human Elf4/MEF <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None PBS, pH 7.2
精製度	Protein G purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG1
軽鎖の種類	lambda

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab54994** in the following tested applications.

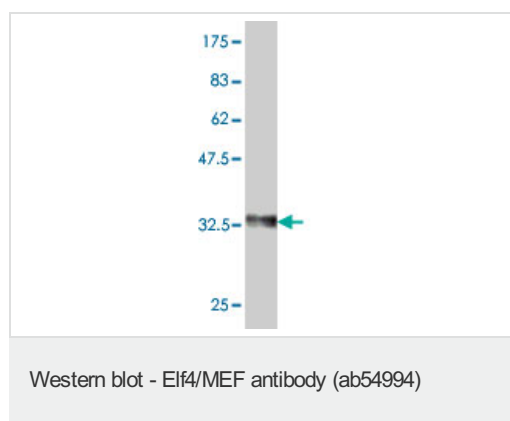
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

## ターゲット情報

機能	Transcriptional activator that binds to DNA sequences containing the consensus 5'-WGGA-3'. Transactivates promoters of the hematopoietic growth factor genes CSF2, IL3, IL8, and of the bovine lysozyme gene. Acts synergistically with RUNX1 to transactivate the IL3 promoter (By similarity). Also transactivates the PRF1 promoter in natural killer (NK) cells. Plays a role in the development and function of NK and NK T-cells and in innate immunity. Controls the proliferation and homing of CD8+ T cells via the Kruppel-like factors KLF4 and KLF2 (By similarity). Controls cell senescence in a p53-dependent manner. Can also promote cellular transformation through inhibition of the p16 pathway.
組織特異性	Abundantly expressed in the placenta and in a variety of myeloid leukemia cell lines. Moderate levels of expression in heart, lung, spleen, thymus, peripheral blood lymphocytes, ovary and colon. Lower levels of expression in Jurkat T-cells and other T-cell lines and no expression in brain.
関連疾患	A chromosomal aberration involving ELF4 is a cause of acute myeloid leukemia (AML). Translocation t(X;21)(q25-26;q22) with ERG.
配列類似性	Belongs to the ETS family. Contains 1 ETS DNA-binding domain.
細胞内局在	Nucleus > PML body. Accumulation into PML nuclear bodies is mediated by PML.

## 画像



Western blot against tagged recombinant protein immunogen using ab54994 Elf4/MEF antibody at 1µg/ml. Predicted band size of immunogen is 36 kDa.

This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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