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Product datasheet for CF810142

ELF4 Mouse Monoclonal Antibody [Clone ID: OTI4D5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4D5
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 83-345 of human ELF4 (NP_001412) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	70.5 kDa
Gene Name:	E74 like ETS transcription factor 4
Database Link:	NP_001412 Entrez Gene 2000 Human Q99607

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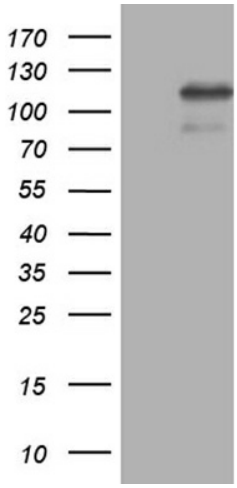
Background: The protein encoded by this gene is a transcriptional activator that binds and activates the promoters of the CSF2, IL3, IL8, and PRF1 genes. The encoded protein is involved in natural killer cell development and function, innate immunity, and induction of cell cycle arrest in naive CD8+ cells. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jan 2010]

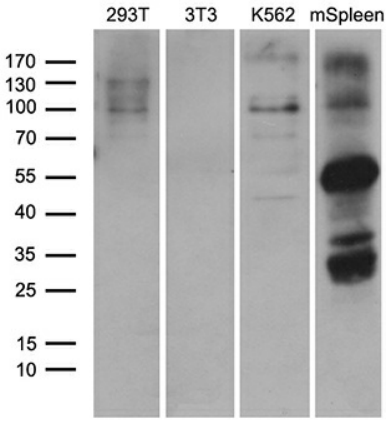
Synonyms: ELFR; MEF

Protein Families: Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ELF4 ([RC200479], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ELF4 (1:2000). Positive lysates [LY400550] (100ug) and [LC400550] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 3 different cell lines and mouse spleen tissue lysate by using anti-ELF4 monoclonal antibody (1:500).

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