

Product datasheet for TA500674M

ILF2 Mouse Monoclonal Antibody [Clone ID: OTI6F1]

Product data:

Product Type: Primary Antibodies Clone Name: OTI6F1 **Applications:** IF, IHC, WB Recommended Dilution: WB 1:500, IHC 1:50, IF 1:100 **Reactivity:** Human, Dog, Mouse Host: Mouse Isotype: lgG1 **Clonality:** Monoclonal Immunogen: Full-length protein expressed in 293T cell transfected with human ILF2 expression vector PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. Formulation: Concentration: 1 mg/ml **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: 43.1 kDa Gene Name: interleukin enhancer binding factor 2 Database Link: NP 004506 Entrez Gene 67781 MouseEntrez Gene 480139 DogEntrez Gene 3608 Human Q12905 **Background:** Nuclear factor of activated T-cells (NFAT) is a transcription factor required for T-cell expression of the interleukin 2 gene. NFAT binds to a sequence in the interleukin 2 gene enhancer known as the antigen receptor response element 2.In addition, NFAT can bind RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. NFAT is a heterodimer of 45 kDa and 90 kDa proteins, the smaller of which is the product of thisgene. The encoded protein binds strongly to the 90 kDa protein and stimulates its ability to enhance gene expression.



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ORIGENE	ILF2 Mouse Monoclonal Antibody [Clone ID: OTI6F1] – TA500674M
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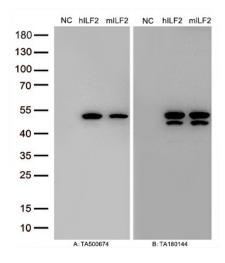
Synonyms:

NF45; PRO3063

Protein Families:

Druggable Genome, Transcription Factors

Product images:



A431

180 — 130 — 100 — 70 —

55 -

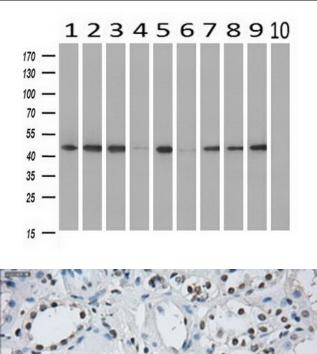
40 -

35 — 25 —

15 — 10 — Figure A, Western blot analysis of overexpressed lysates (5ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human ILF2 plasmid ([RC201751], hILF2), mouse ILF2 plasmid ([MR206085], mILF2) using anti-ILF2 antibody [TA500674] (1:20000@1mg/ml). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:20000@1mg/ml)

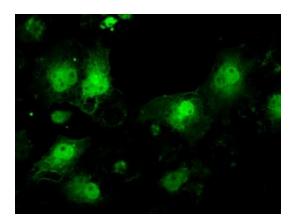
Western blot analysis of extracts (30ug per lane) from A431 lysate by using anti-ILF2 antibody([TA500674],1:1000@1mg/ml).

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Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-ILF2 monoclonal antibody at 1:500 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon;10: spleen).

Immunohistochemical staining of paraffinembedded Kidney tissue within the normal limits using anti-ILF2mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Anti-ILF2 mouse monoclonal antibody ([TA500674]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ILF2 ([RC201751]).

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