

Product datasheet for **CF504450**

LAYN Mouse Monoclonal Antibody [Clone ID: OTI4C11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4C11
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human LAYN(NP_849156) produced in HEK293T cell.
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:	42.1 kDa
Gene Name:	layilin
Database Link:	NP_849156 Entrez Gene 143903 Human Q6UX15
Note:	WB application: Only overexpression results are guaranteed, not endogenous.
Protein Families:	Transmembrane



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Product images:

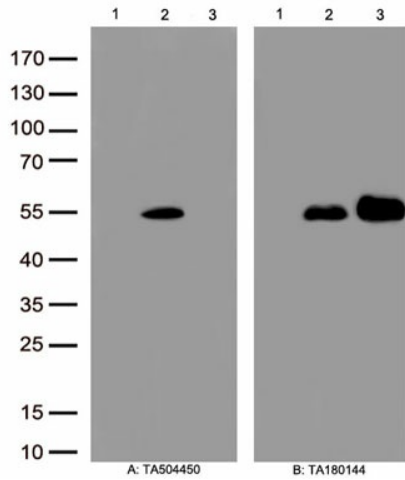
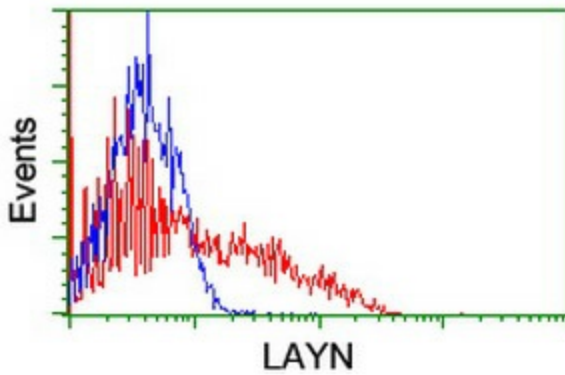


Figure A, Western blot analysis of overexpressed lysates(15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], lane 1) , human LAYN plasmid ([RC206197], lane 2), mouse LAYN plasmid ([MR215277], lane 3) using anti-LAYN antibody [TA504450] (1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)



HEK293T cells transfected with either [RC206197] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-LAYN antibody ([TA504450]), and then analyzed by flow cytometry.