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Product datasheet for TA503921M

TAL1 Mouse Monoclonal Antibody [Clone ID: OTI6A2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI6A2
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TAL1(NP_003180) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
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:	34.1 kDa
Gene Name:	TAL bHLH transcription factor 1, erythroid differentiation factor
Database Link:	NP_003180 Entrez Gene 21349 MouseEntrez Gene 313507 RatEntrez Gene 6886 Human P17542
Synonyms:	bHLHa17; SCL; tal-1; TCL5
Protein Families:	Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

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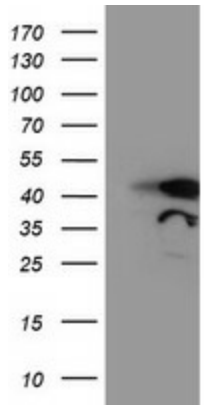
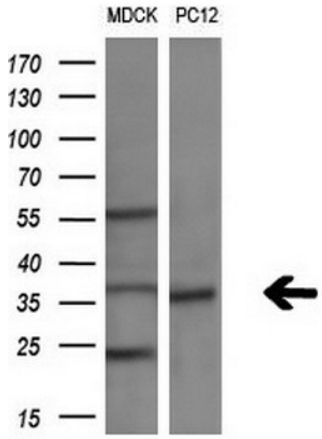
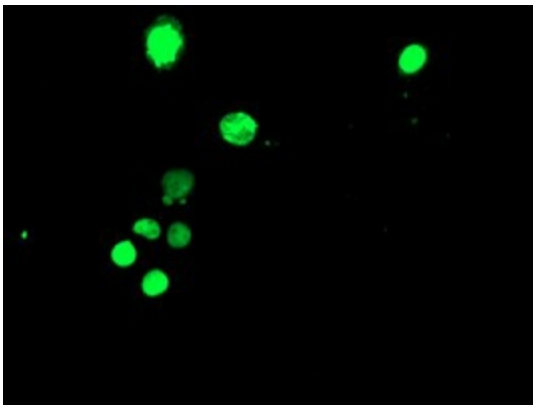
Product images:



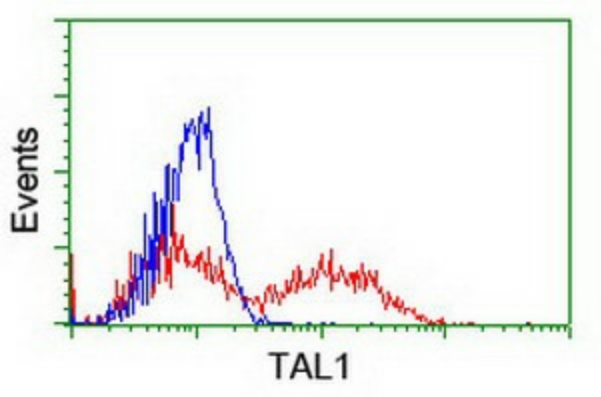
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TAL1 ([RC222628], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TAL1. Positive lysates [LY418842] (100ug) and [LC418842] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (10ug) from 2 different cell lines by using anti-TAL1 monoclonal antibody (1:200).



Anti-TAL1 mouse monoclonal antibody ([TA503921]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY TAL1 ([RC222628]).



HEK293T cells transfected with either [RC222628] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-TAL1 antibody ([TA503921]), and then analyzed by flow cytometry.