

Product datasheet for **TA503899**

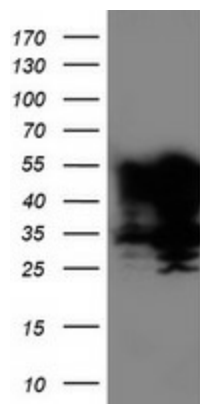
TAL1 Mouse Monoclonal Antibody [Clone ID: OTI3E2]

Product data:

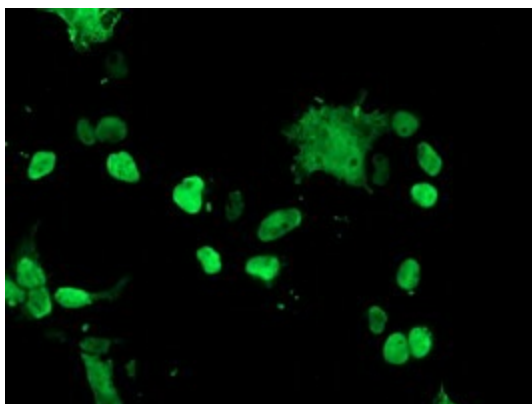
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI3E2 |
| Applications: | FC, IF, WB |
| Recommended Dilution: | WB 1:2000, IF 1:100, FLOW 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | 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: | 0.94 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 Mouse Entrez Gene 313507 Rat Entrez Gene 6886 Human P17542 |
| Synonyms: | bHLHa17; SCL; tal-1; TCL5 |
| Protein Families: | Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors |



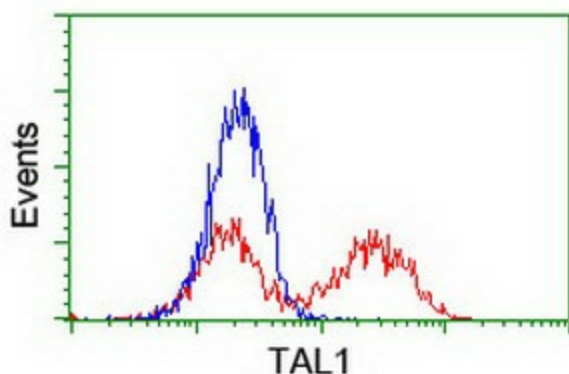
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Product images:

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.



Anti-TAL1 mouse monoclonal antibody (TA503899) 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 (TA503899), and then analyzed by flow cytometry.