

Anti-Doublecortin (DCX) Mouse Monoclonal Antibody [Clone ID: OTI4A3]

Catalog Number: M01053-2

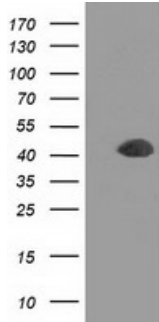
Overview

Product Name	Anti-Doublecortin (DCX) Mouse Monoclonal Antibody [Clone ID: OTI4A3]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio DCX mouse monoclonal antibody, clone OTI4A3 (formerly 4A3). Catalog# M01053-2. Tested in FC, IF, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, WB
Clonality	Monoclonal OTI4A3
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	O43602

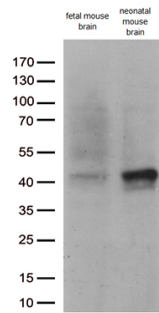
Technical Details

Immunogen	Full length human recombinant protein of human DCX (NP_835365) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.73 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:2000 IF: 1:100 Flow cytometry: 1:100

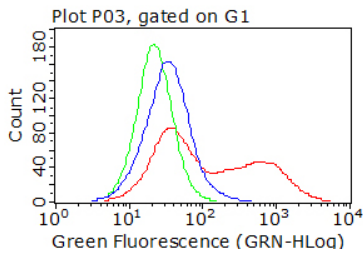
Anti-Doublecortin (DCX) Mouse Monoclonal Antibody [Clone ID: OTI4A3] (M01053-2) Images



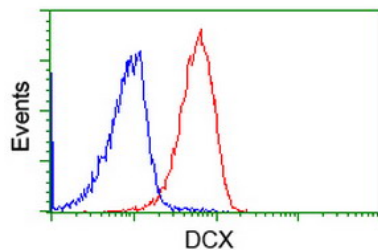
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DCX (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DCX.



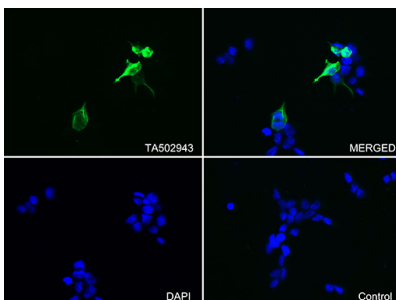
Western blot analysis of extracts (35ug) from 2 tissues by using anti-DCX monoclonal antibody (1:250).



Living HEK293T cells transfected with either DCX (Myc-DDK-tagged) plasmid (red) or empty vector (blue) were immunostained by anti-DCX antibody (M01053-2) or isotype control antibody (green)



Flow cytometric Analysis of Jurkat cells



Immunofluorescent staining of 293T cells transiently transfected by pCMV6-ENTRY DCX using anti-DCX mouse monoclonal antibody (M01053-2)

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