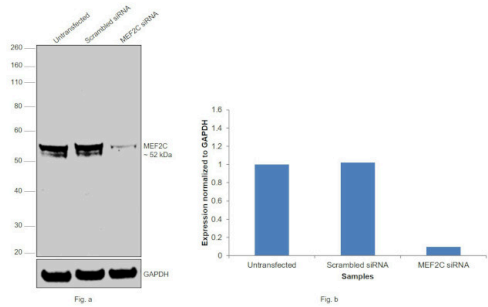


# MEF2C Monoclonal Antibody (OTI4F7)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	OTI4F7
Conjugate	Unconjugated
Immunogen	Full length human recombinant protein of MEF2C produced in HEK293T cell
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 1% BSA, 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2724668

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:150	-
Immunocytochemistry (ICC/IF)	1:100	-
Flow Cytometry (Flow)	1:100	-

Product Images For MEF2C Monoclonal Antibody (OTI4F7)

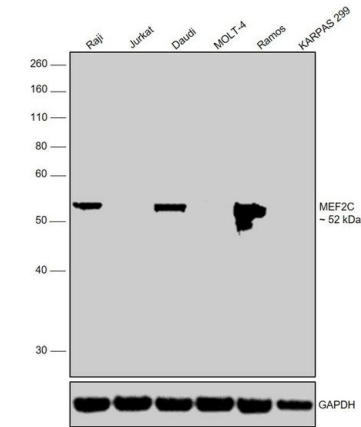


MEF2C Antibody (MA5-25477)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. Raji cells were transfected with MEF2C siRNA and decrease in signal intensity was observed in western blot application using Anti-MEF2C Monoclonal Antibody (OTI4F7) (Product # MA5-25477). {KD}

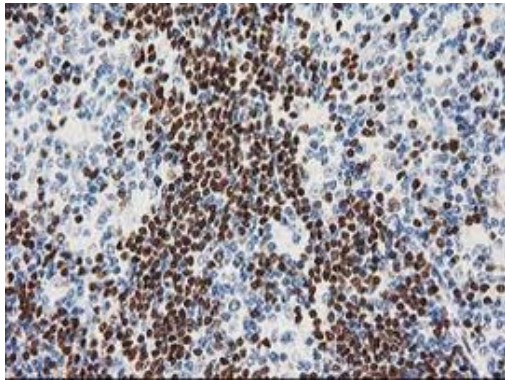
MEF2C Antibody (MA5-25477) in WB

Western blot was performed using Anti-MEF2C Monoclonal Antibody (OTI4F7) (Product # MA5-25477) and a 52 kDa band corresponding to MEF2C was observed across the positive cell lines (Raji, Daudi and Ramos) and not in the negative cell lines (Jurkat, MOLT-4 and KARPAS 299) tested as reported. Modified whole cell extracts (1% SDS) (30 µg lysate) of Raji (Lane 1), Jurkat (Lane 2), Daudi (Lane 3), MOLT-4 (Lane 4), Ramos (Lane 5) and KARPAS 299 (Lane 6) were electrophoresed using NuPAGE™ 10% Bis-Tris Protein Gel (Product # NP0302BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:2200 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1: 4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



MEF2C Antibody (MA5-25477) in IHC (P)

Immunohistochemistry was performed on paraffin-embedded human lymphoma tissue. To expose target proteins, 10mM citric buffer, pH6.0, 100°C for 10min was used. Following antigen retrieval, tissues were probed with a MEF2C monoclonal antibody (Product # MA5-25477).



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