

## Product datasheet for TA502715

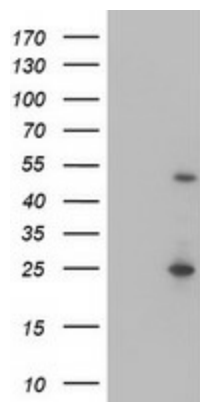
### MEF2C Mouse Monoclonal Antibody [Clone ID: OTI1B6]

#### Product data:

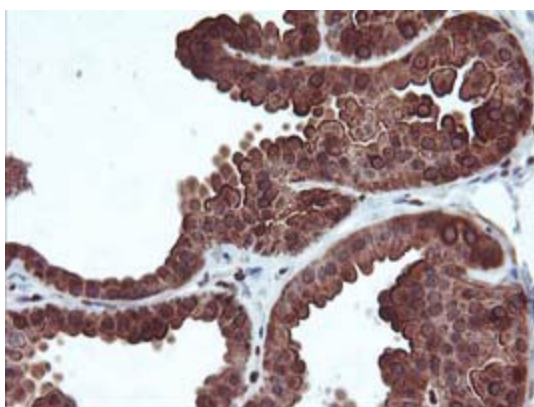
Product Type:	Primary Antibodies
Clone Name:	OTI1B6
Applications:	FC, IF, IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MEF2C(NP_002388) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from cell culture supernatant by affinity chromatography
Predicted Protein Size:	51 kDa
Gene Name:	myocyte enhancer factor 2C
Database Link:	<a href="#">NP_002388</a> <a href="#">Entrez Gene 4208</a> <a href="#">Human</a>
Background:	This locus encodes a member of the MADS box transcription enhancer factor 2 (MEF2) family of proteins, which play a role in myogenesis. The encoded protein, MEF2 polypeptide C, has both trans-activating and DNA binding activities. This protein may play a role in maintaining the differentiated state of muscle cells. Mutations and deletions at this locus have been associated with severe mental retardation, stereotypic movements, epilepsy, and cerebral malformation. Alternatively spliced transcript variants have been described. [provided by RefSeq]
Synonyms:	C5DELq14.3; DEL5q14.3
Protein Families:	Transcription Factors
Protein Pathways:	MAPK signaling pathway



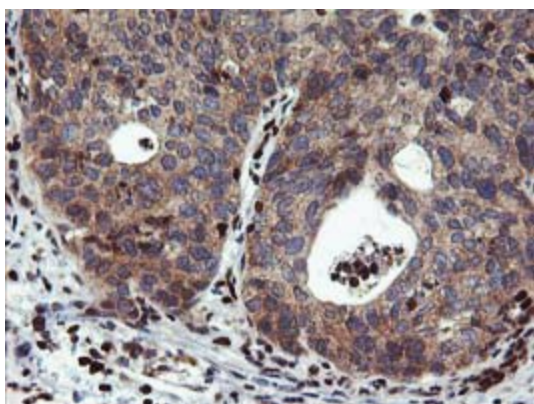
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**Product images:**

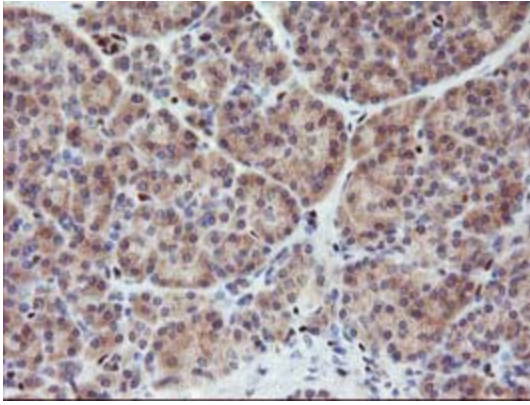
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MEF2C (RC220584, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MEF2C. Positive lysates LY419349 (100ug) and LC419349 (20ug) can be purchased separately from OriGene.



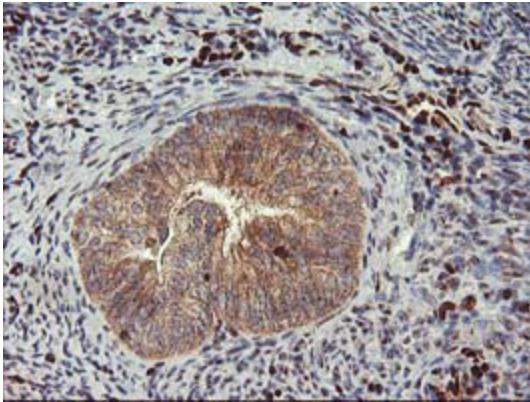
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-MEF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502715)



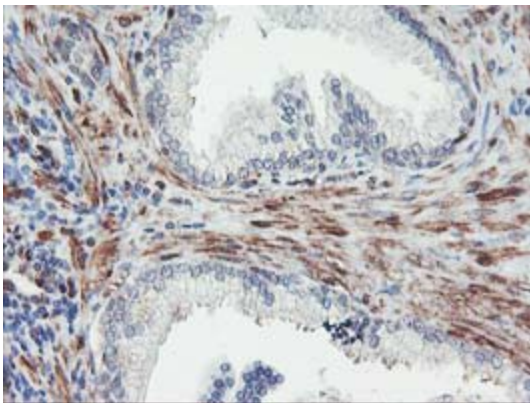
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-MEF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502715)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-MEF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502715)

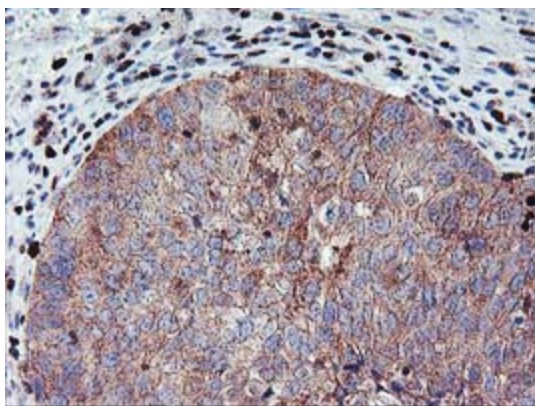


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-MEF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502715)

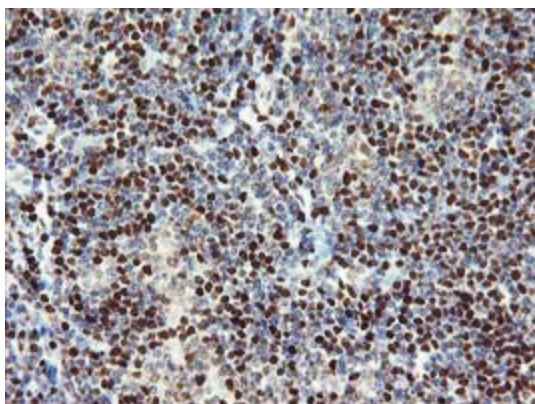


Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-MEF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502715)

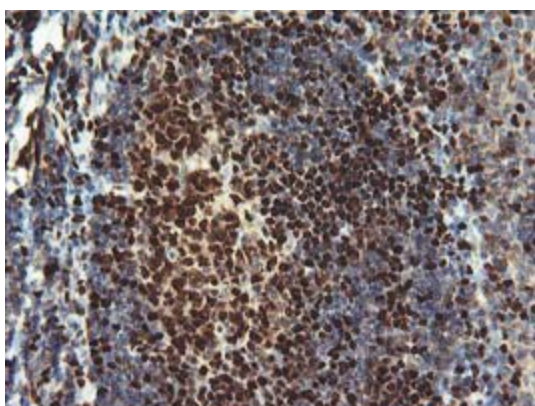




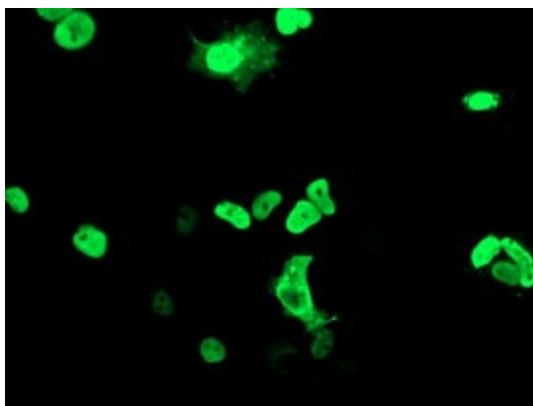
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-MEF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502715)



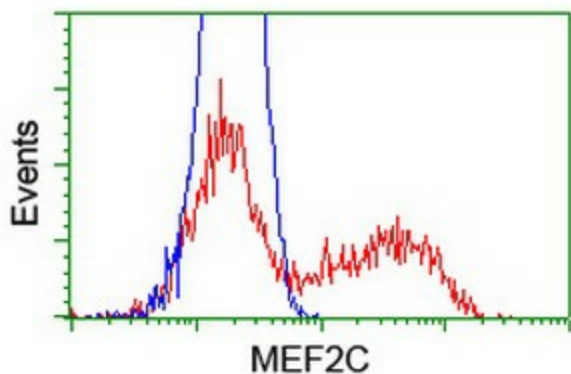
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-MEF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502715)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-MEF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA502715)



Anti-MEF2C mouse monoclonal antibody (TA502715) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MEF2C (RC220584).



HEK293T cells transfected with either RC220584 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MEF2C antibody (TA502715), and then analyzed by flow cytometry.