

Anti-MEF2A Antibody (5F773)

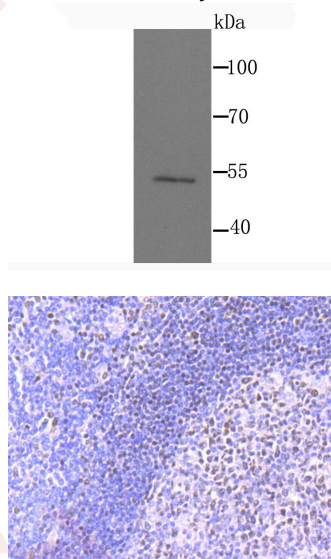
Product Details

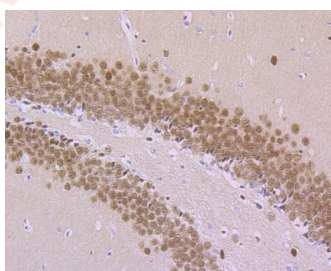
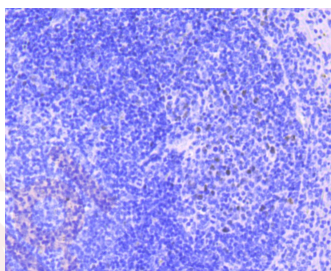
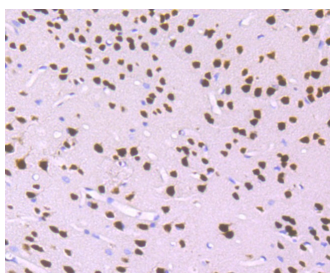
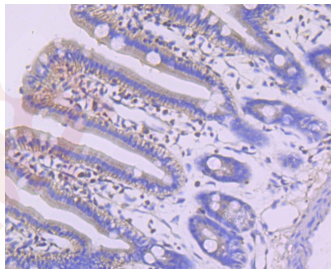
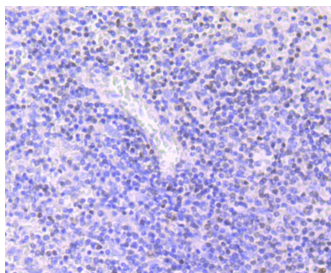
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 54 kDa.
Clone:	5F773
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of MEF2A on rat spleen tissue lysate using anti-MEF2A antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-MEF2A antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-MEF2A antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-MEF2A antibody. Counter stained with hematoxylin.
5. Immunohistochemical analysis of paraffin-embedded mouse cerebral cortex tissue using anti-MEF2A antibody. Counter stained with hematoxylin.
6. Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-MEF2A antibody. Counter stained with hematoxylin.
7. Immunohistochemical analysis of paraffin-embedded mouse hippocampus tissue using anti-MEF2A antibody. Counter stained with hematoxylin.





Application: IHC,WB

Recommended WB: 1:500; IHC: 1:50-200; ICC: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q02078
Synonyms:	Myocyte-specific enhancer factor 2A;MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A);RSRFC9;MEF2;Serum response factor-like protein 1;ADCAD1;MEF2A;RSRFC4;MEF2A_HUMAN;Myocyte enhancer factor 2A;Serum response factor like protein 1

Research Background

Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT]4TAR-3', found in numerous muscle-specific genes. Also involved in the activation of numerous growth factor- and stress-induced genes. Mediates cellular functions not only in skeletal and cardiac muscle development, but also in neuronal differentiation and survival. Plays diverse roles in the control of cell growth, survival and apoptosis via p38 MAPK signaling in muscle-specific and/or growth factor-related transcription. In cerebellar granule neurons, phosphorylated and sumoylated MEF2A represses transcription of NUR77 promoting synaptic differentiation. Associates with chromatin to the ZNF16 promoter.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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