



MEF2C (Phospho-Ser387) Antibody

E11-0509A

For Research Use Only

Catalog Number: E11-0509A

Concentration: 1mg/ml

Swiss-Prot No.: Q06413

Other Names: Myocyte enhancer factor 2C, Myocyte-specific enhancer factor 2C, Similar to MADS box transcription enhancer factor 2 polypeptide C

All Sites: Human: Ser387; Mouse: Ser385

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human MEF2C around the phosphorylation site of serine 387 (T-Q-S^P-L-N).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: MEF2C (Phospho-Ser387) antibody detects endogenous levels of MEF2C only when phosphorylated at serine 387.

Reactivity: Human (Identities = 100%, Positives = 100%); Mouse (Identities = 92%, Positives = 100%)

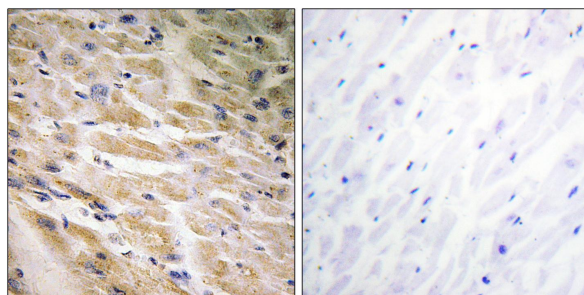
Applications: WB: 1:500~1:2000 IHC: 1:50~1:100 ELISA: 1:10000

References:

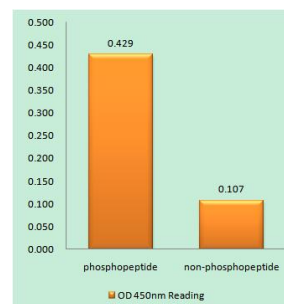
Leifer D., Proc. Natl. Acad. Sci. U.S.A. 90:1546-1550(1993).

McDermott J.C., Mol. Cell. Biol. 13:2564-2577(1993).

Kato Y., EMBO J. 16:7054-7066(1997).



P-peptide - +
Immunohistochemistry analysis of paraffin-embedded human heart tissue using MEF2C (Phospho-Ser387) antibody.



MEF2C (Phospho-Ser387) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.