



MEF2D (Phospho-Ser444) Antibody

E11-0510A

Catalog Number: E11-0510A

Concentration: 1mg/ml

Swiss-Prot No.: Q14814

Other Names: MEFD; Myocyte-specific enhancer factor 2D

All Sites: Human: Ser444; Mouse: Ser437; Rat: Ser430

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 MEF2D around the phosphorylation site of serine 444 (P-V-S^P-P-S).

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: MEF2D (Phospho-Ser444) antibody detects endogenous levels of MEF2D only when phosphorylated at serine 444.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000

References:

Breitbart R.E., Development 118:1095-1106(1993).

Gregory S.G., Nature 441:315-321(2006).

Zhao M., Mol. Cell. Biol. 19:21-30(1999).

