

## Anti-Phospho-MEF2D-Ser444 antibody (410-459 aa) (STJ90325)

STJ90325

### GENERAL INFORMATION

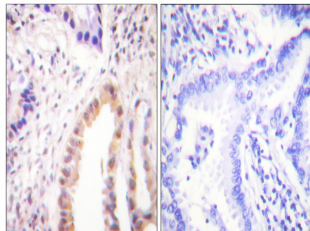
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Myocyte-specific enhancer factor 2D-Ser444 (410-459 aa) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
<b>Applications</b>	WB/IHC/IF/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

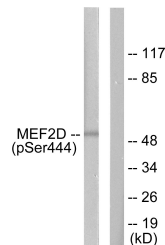
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Range</b>	IHC 1:100-1:300 ELISA 1:10000 IF 1:50-200
<b>Formulation</b>	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

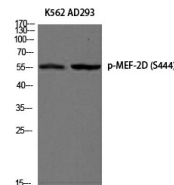
<b>Gene ID</b>	4209
<b>Gene Symbol</b>	MEF2D
<b>Uniprot ID</b>	MEF2D_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the human MEF2D around the phosphorylation site of Ser444 at the amino acid range 410-459
<b>Immunogen Region</b>	410-459 aa
<b>Specificity</b>	Phospho-MEF-2D (S444) Polyclonal Antibody detects endogenous levels of MEF-2D protein only when phosphorylated at S444.
<b>Immunogen Sequence</b>	



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using MEF2D (Phospho-Ser444) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HepG2 cells treated with forskolin 40nM 30', using MEF2D (Phospho-Ser444) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of K562 AD293 using Phospho-MEF-2D (S444) antibody. Antibody was diluted at 1:500