Anti-Phospho-MEF2A (S408) Rabbit Polyclonal Antibody

Catalog #: U0781

Aliases

MEF2; Myocyte-specific enhancer factor 2A; Serum response factor-like protein 1

Background

Gene Name: MEF2A
NCBI Gene Entry: 4205
UniProt Entry: Q02078

Application Information

Molecular Weight: Predicted, 54 kDa; observed, 54 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat, bovine, pig
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-MEF2A (S408)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

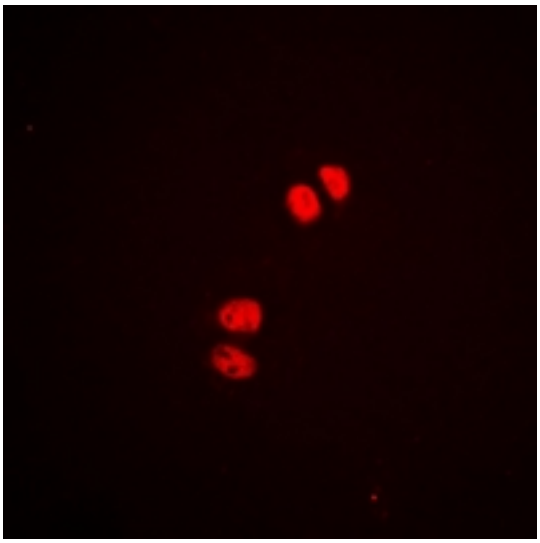
Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:50-1:100
Immunocytochemistry (IC): 1:100-1:500

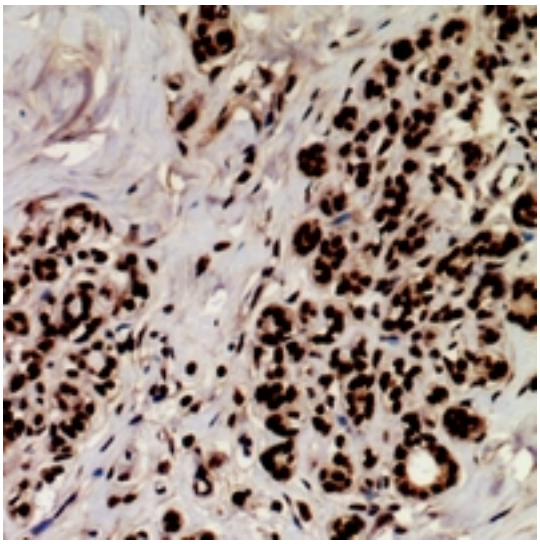
Note: This product is for research use only.

Validation Data

Anti-Phospho-MEF2A (S408) Rabbit Polyclonal Antibody



Immunocytochemical analysis of MEF2A (Phospho-S408) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of MEF2A (Phospho-S408) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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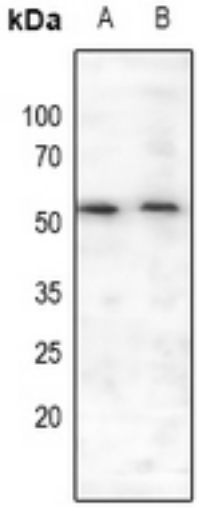

Western blotting analysis of MEF2A (Phospho-S408) expression in HEK293T (A), A549 (B) whole cell lysates.