



Survivin Mouse Monoclonal Antibody

E10-20176

Background: Baculoviral IAP repeat-containing 5 (survivin). This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. Gene expression is high during fetal development and in most tumors yet low in adult tissues. Antisense transcripts are involved in the regulation of this gene's expression. At least four transcript variants encoding distinct isoforms have been found for this gene, but the full-length nature of only three of them have been determined.

Catalog Number: E10-20176

Amount: 100µg/100µl

Clone Number: 2H5H2

Species: Mouse IgG1

Aliases: API4; EPR-1; BIRC5

Entrez Gene: 332

Immunogen: Purified recombinant fragment of Survivin expressed in E. Coli.

Storage: Store at 4 °C for long term storage, store at -20 °C

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB. 1/500 - 1/2000. ELISA. Propose dilution 1/10000.

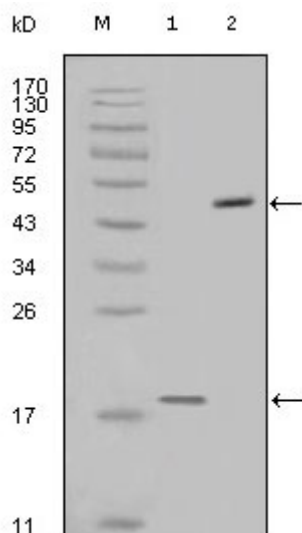


Figure 1. Western blot analysis using survivin mouse mAb against full-length survivin recombinant protein (1) and full-length survivin-GFP transfected Cos7 cell lysate (2).

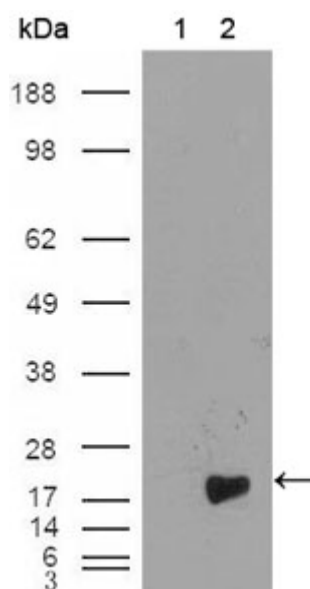


Figure 2. Western blot analysis using Survivin mouse mAb against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY Survivin cDNA (2).

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