

Catalog #: 51026

Aliases

MYD118; Growth arrest and DNA damage-inducible protein GADD45 beta; Myeloid differentiation primary response protein MyD118; Negative growth regulatory protein MyD118

Background

Gene Name: GADD45B

NCBI Gene Entry: [4616](#)

UniProt Entry: [O75293](#)

Application Information

Molecular Weight: Predicted, 17 kDa; observed, 18 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, bovine, monkey

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human GADD45 beta

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

Immunocytochemistry (IC): 1:50-1:200

Note: This product is for research use only.

Validation Data

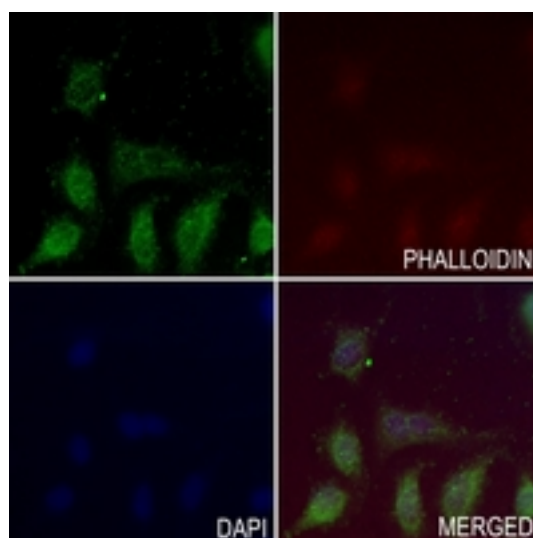
SUPPORT

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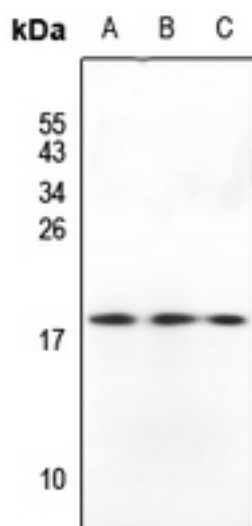
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Immunocytochemical analysis of GADD45 beta staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Western blotting analysis of GADD45 beta expression in H9C2 (A), A549 (B), HeLa (C) whole cell lysates.