## Affinity Biosciences website:www.affbiotech.com

## GADD45B Ab

References(1) Images(5)

Cat.#: DF2375 Concn.: ~1mg/ml Mol.Wt.: 18kDa,22kDa Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02%

sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from

date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using

SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human GADD45B, corresponding to a

region within C-terminal amino acids.

Uniprot: O75293

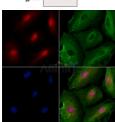
Description: Involved in the regulation of growth and apoptosis. Mediates activation of

stress-responsive MTK1/MEKK4 MAPKKK.

1 2 250 — 100 — 70 — 50 — 55 — 25 — 20 — 10 —

Western blot analysis of extracts from Rat heart, using GADD45B Ab. The lane on the left was treated with blocking peptide.

Observed bands: 22kDa



DF2375 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(DF2375) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.

The nuclear counter stain is DAPI (blue).

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic

procedures. Not for resale without express authorization.