

Manufacturer/Supplier:

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Product name: Mouse anti-Beta-actin Antibody

Catalog: DL95458A

Synonyms: Actin cytoplasmic 1; Beta-actin

Immunogen: KLH-conjugated synthetic peptide encompassing a sequence of human Beta-actin. The exact sequence is proprietary.

Form: Liquid

Concentration: 1mg/mL

Size: 100 ul/50 ul

Host: Mouse

Reactivity:
Human, Mouse, Rat, Monkey, Dog,
Chicken, Rabbit

Application: WB, IHC, IF/IC

Clonality: Monoclonal

Dilution: WB (1/2000 - 1/5000),
IHC (1/100 - 1/200), IF/IC (1/100 -
1/200)

Entrez Gene: 60/11461/81822

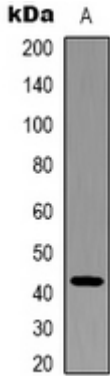
SwissProt: P60709/P60710/P60711

Purification:

Buffer: Liquid in 0.42% Potassium phosphate, 0.87%
Sodium chloride, pH 7.3, 30% glycerol, and 0.01%
sodium azide.

WB description:

Western blot analysis of Beta-actin expression in 293T (A), Hela (B), mouse kidney (C), rat heart (D), rat brain (E) whole cell lysates.

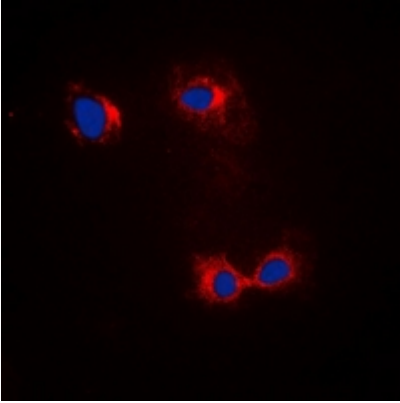


IHC description:

Immunohistochemical analysis of Beta-actin staining in human prostate 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.

IF/ICC description:

Immunofluorescent analysis of Beta-actin 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 anti



Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.