

Catalog #: 50110

Aliases

Actin, cytoplasmic 1; Beta-actin

Background

Gene Name: ACTB

NCBI Gene Entry: [60](#)

UniProt Entry: [P60709](#)

Application Information

Molecular Weight: Predicted, 41 kDa; observed, 45 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB8440

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

Recombinant protein of human Beta-actin

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 50% glycerol, and 0.05% Proclin300.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:100-1:200

Note: This product is for research use only.

Validation Data

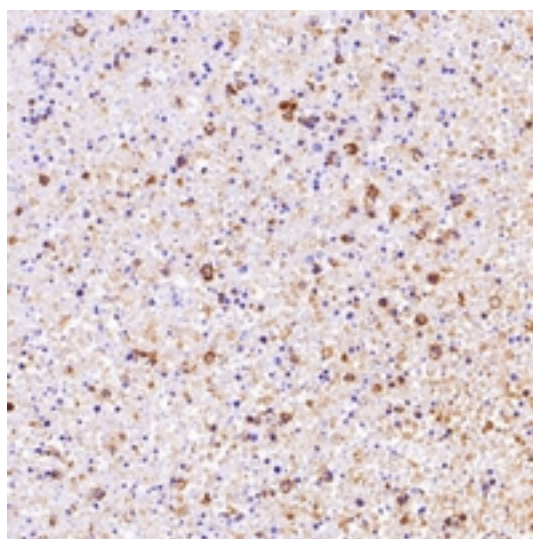
SUPPORT

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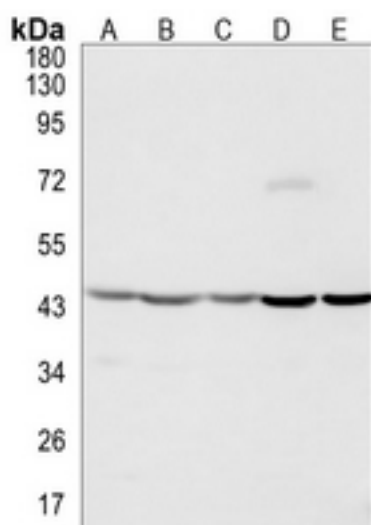
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Immunohistochemical analysis of Beta-actin staining in lymphoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with 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.



Western blotting analysis of Beta-actin expression in HEK293T (A), H1792 (B), HCT116 (C), mouse brain (D), rat brain (E) whole cell lysates.