Anti-DCX antibody

Catalog Number: 100526

Product name

Anti-DCX antibody

Immunogen

Human DCX (aa 45-150, GST Tag) recombinant protein

Specificity

Human DCX

Antibody description

Mouse monoclonal to DCX

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human DCX (rh DCX; O43602-2; Ala45-Val150). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free.
Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse IgG2a

Applications

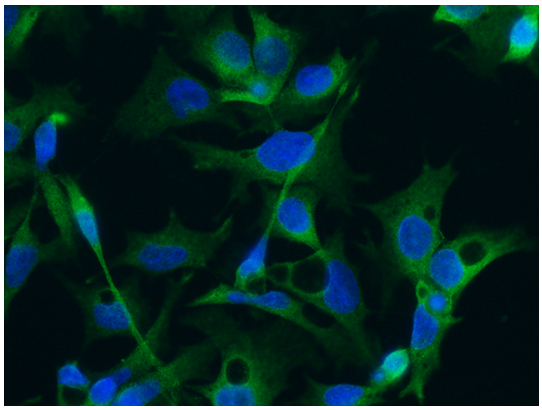
FCM, IF, ICC/IF

Dilutions

FCM: 0.5-2 µg/Test

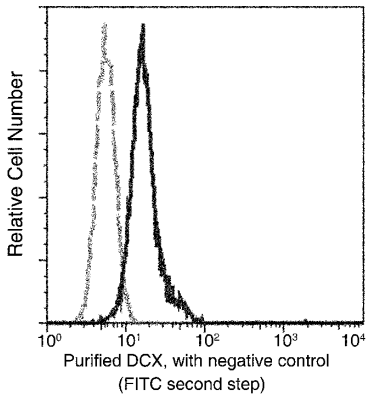
ICC/IF: 10-25 µg/mL

Validations



DCX Antibody, Mouse MAb, Immunofluorescence

Immunofluorescence staining of Human DCX in HepG2 cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with Mouse anti-Human DCX monoclonal antibody (15 µg/ml) at 37℃ 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



DCX Antibody, Mouse MAb

Flow cytometric analysis of Human DCX expression on HepG2 cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), stained with purified anti-Human DCX, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.