

## Mouse anti-Human Nuclear factor 1 C-type Monoclonal Antibody | anti-NFIC antibody

Nuclear factor 1 C-type mAb

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                        |
|-----------|-------|------------|---------------------------------------------------------------------|
| AAA62431  | Mouse | Human      | Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot |

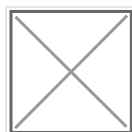
### PRODUCT SYNONYMS

Nuclear factor 1 C-type; Monoclonal Antibody; Nuclear factor 1 C-type mAb; NFIC Mouse mAb; anti-NFIC antibody

### PRODUCT SPECIFICATIONS

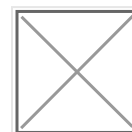
|                                                |                                                                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                               |
| Reactivity                                     | Human                                                                                                                                               |
| Clonality                                      | Monoclonal                                                                                                                                          |
| Isotype                                        | IgG                                                                                                                                                 |
| Applicable Applications for anti-NFIC antibody | FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)                                                                              |
| Source Note                                    | This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human NFIC. |
| Preparation and Storage                        | Store at -20 degree C. Stable for one year from the date of shipment.                                                                               |

### IMAGES



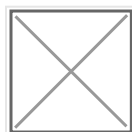
#### FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed HepG2 (liver hepatocellular carcinoma) cells labeling NFIC with M25414 at 1/200 dilution (green) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



#### IP (Immunoprecipitation)

NFIC was immunoprecipitated from 1mg of HepG2 cells membrane fraction, blotted with M25414 of 10 ug. Western blot was performed from the immunoprecipitate using M25414 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: HepG2 cells membrane fraction. Lane2: IP product of HepG2 cells membrane fraction. Predicted band size : 56 KDaObserved band size : 56 KDaBlocking and dilution buffer and concentration:5% milk/TBST.



#### WB (Western Blot)

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NFIC antibody | The protein encoded by this gene belongs to the CTF/NF-I family. These are dimeric DNA-binding proteins, and function as cellular transcription factors and as replication factors for adenovirus DNA replication. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. |
| Product Categories/Family for anti-NFIC antibody   | Nucleoplasma; Lung Cancer                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                  |                     |
|------------------|---------------------|
| Molecular Weight | Predicted MW: 56kDa |
|------------------|---------------------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nuclear-factor-1-c-type-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62431>