



74.5A5

Antigen: Nkx2.2 transcription factor

Alternate Antigen Name:

Antigen Sequence:

Antigen Molecular Weight: Apparent: 28-30 kDa

Antigen Species:

Depositor: Jessell, T.M. / Brenner-Morton, S.

Depositor Institution: HHMI/Columbia University

Depositor Email Address: tmj1@columbia.edu

Depositor Website:

Clonality: Monoclonal

Gene: NKX2-2

Alternate Gene Name(s): NK2 homeobox 2

Entrez Gene ID: 428549

Antibody Registry ID: AB_2314952 AB_531794

Uniprot ID: Q9YHB7

Immunogen : Nkx2.2-GST fusion protein expressed in E. coli.

Immunogen Sequence:

Epitope Mapped: No

Epitope Sequence:

Myeloma Strain: NS-1

Isotype: MIgG2b

Date Deposited: 2/12/1999

Media Type: Iscove's

Hybridomas available: Yes

Immunoblotting:

Host Species: mouse

Positive Species Reactivity: Chicken, Human, Mouse, Rat

Recommended Applications: FFPE, Immunofluorescence, Immunohistochemistry, Western Blot

Depositor's notes on this product:

Additional Product Information:

Product Storage Recommendations

Although many cell products are maintained at 4°C for years without loss of activity, shelf-life at 4°C is highly variable.

To ensure retention of antibody activity, we recommend aliquotting the product into two parts:

- 1) a volume of antibody stored at 4°C to be used within two weeks.
- 2) the remaining product diluted with an equal volume of molecular grade glycerol and stored either at -20°C or -80°C.

Usage Recommendations

While optimal Ig concentration for an application will vary, a good starting concentration for immunohistochemistry (IHC), immunofluorescence (IF) and staining is 2-5 µg/ml.

For Western blots, the concentration is decreased by one order of magnitude (that is, 0.2-0.5 µg/ml).

We have been asked by NICHD to ensure that all investigators include an acknowledgment in publications that benefit from the use of the DSHB's products. We suggest that the following statement be used: The (select: hybridoma, monoclonal antibody, or protein capture reagent,) developed by Investigator(s) or Institution] was obtained from the Developmental Studies Hybridoma Bank, created by the NICHD of the NIH and maintained at The University of Iowa, Department of Biology, Iowa City, IA 52242.

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