

Product datasheet

AHI-1 MOUSE MONOCLONAL ANTIBODY (J5)

SKU: MM-0120-P

100 µg

OVERVIEW

Clonality:

Monoclonal

Host:

Mouse

Reactivity:

Mouse, no cross-reactivity with human Ahi-1

Application:

IHC, IP, WB

Target:

Ahi-1

Target background:

Abelson helper integration site 1 (Ahi-1) is highly expressed in the most primitive normal hematopoietic cells, in brain neurons and in kidney. Ahi-1 is a unique protein with a SH3 domain, multiple SH3 binding sites and a WD40-repeat domain, which are all known to be important mediators of protein–protein interactions. Defects in Ahi-1 are the cause of Joubert syndrome type 3 (JBTS3).

Target alias:

anti-ahi-1, anti-ahi 1, anti-ahi1, Joubertin , Abelson helper integration site 1 protein , AHI-1

Specificity:

A specific and sensitive antibody against Ahi-1. The antibody recognizes the C-terminal of the murine Ahi-1.

Clone ID:

J5

Isotype:

IgG1

Preservative:

None

Format:

Lyophilized protein G purified in PBS pH7.4

Recommend starting dilution:

If reconstituted with deionized water in 100 μ L: WB 1-2 μ g/ml; IP 1-2 μ g of antibody to 200-600 μ g of proteins; IHC 1-5 μ g/ml. Optimal dilution has to be determined by the user.

Limitations:

Research Use Only

References:

1.-Zhou LL - AHI-1 interacts with BCR-ABL and modulates BCR-ABL transforming activity and imatinib response of CML stem/progenitor cells.

Storage:

Lyophilized antibodies can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage (2 years). To avoid freeze-thaw cycles, reconstituted antibodies should be aliquoted before freezing for long-term (1 year) storage (-80°C) or kept at 4°C for short-term usage (2 months). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made with the assay buffer. After the maximum long-term storage period (2 years lyophilized or 1 year reconstituted) antibodies should be tested in your assay with a standard sample to verify if you have noticed any decrease in their efficacy.

Image:

