

Product datasheet

HEMOJUVELIN (HJV) RABBIT POLYCLONAL ANTIBODY

SKU: MM-0073

50 µL

OVERVIEW

Clonality:

Polyclonal

Host:

Rabbit

Reactivity:

Human, Mouse

Application:

WB

Target:

Hemojuvelin (HJV)

Target background:

Hemojuvelin (HJV) belongs to the repulsive guidance molecule (RGM) family. HJV is highly expressed in the liver, skeletal muscle and heart and seems to play a role in iron absorption and release from cells. Defects in HJV are responsible for the iron overload condition known as juvenile hemochromatosis in humans. HJV is a co-receptor for bone morphogenetic protein (BMP) signaling that regulates hepcidin expression and iron metabolism.

Target alias:

Repulsive guidance molecule C (RGMc), Hemochromatosis type 2 protein (HFE2), JH, HFE2A

Immunogen:

Full length protein

Specificity:

The antibody recognizes the full length HJV protein

Clone ID:

Preservative:

None

Format:

Lyophilized serum

Recommend starting dilution:

If reconstituted with deionized water in 50 μ L: WB 1:2000. Optimal dilution has to be determined by the user.

Limitations:

Research Use Only

References:**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: