



Product datasheet

Anti-Hemojuvelin antibody [A7] ab239492

8 Images

Overview

Product name	Anti-Hemojuvelin antibody [A7]
Description	Mouse monoclonal [A7] to Hemojuvelin
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Human Hemojuvelin aa 1 to the C-terminus. Expressed in E.coli. Database link: Q6ZVN8
	 Run BLAST with  Run BLAST with
Positive control	WB: Recombinant human Hemojuvelin; Rat heart tissue lysate. IHC-P: Human liver cancer, breast cancer, glioma, brain, stomach cancer and prostate cancer tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Protein A/G purified
Purification notes	Purified from TCS.
Clonality	Monoclonal
Clone number	A7

Isotype	IgG2b
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab239492 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

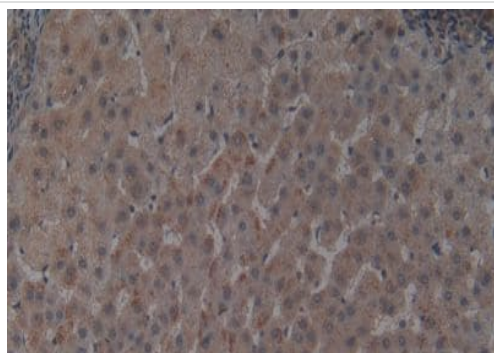
Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 5 µg/ml. Predicted molecular weight: 45 kDa.
IHC-P		Use a concentration of 5 - 30 µg/ml.

Target

Relevance Mutations in Repulsive Guidance Molecule (also known as RGM-C; HJV; hemojuvelin; Hfe2) cause juvenile hemochromatosis, a severe iron overload disease. RGM-C gene expression has been characterized in the developing mouse and found to be exclusively expressed in all striated muscle and in the myocardium.

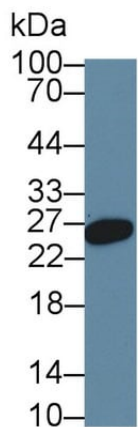
Cellular localization Cell membrane; Lipid-anchor, GPI-anchor

Images



Paraffin-embedded human liver cancer tissue stained for Hemojuvelin using ab239492 at 30 µg/ml in immunohistochemical analysis. DAB staining.

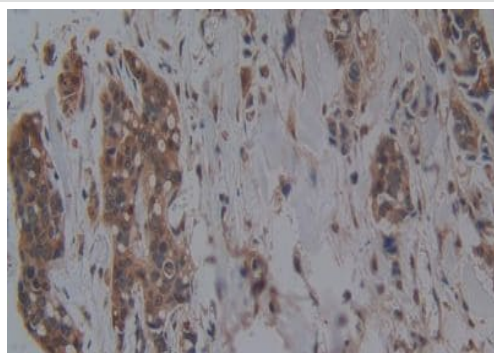
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hemojuvelin antibody [A7] (ab239492)



Western blot - Anti-Hemojuvelin antibody [A7]
(ab239492)

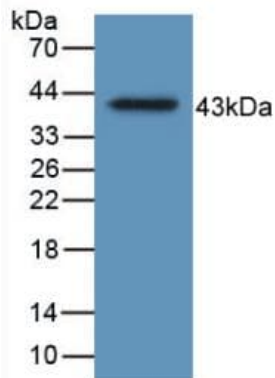
Anti-Hemojuvelin antibody [A7] (ab239492) at 2 μ g/ml + Rat heart tissue lysate

Predicted band size: 45 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hemojuvelin antibody [A7] (ab239492)

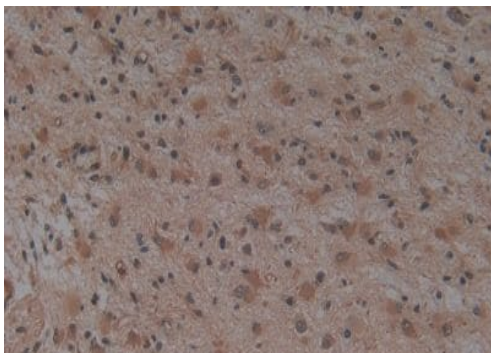
Paraffin-embedded human breast cancer tissue stained for Hemojuvelin using ab239492 at 30 μ g/ml in immunohistochemical analysis. DAB staining.



Western blot - Anti-Hemojuvelin antibody [A7]
(ab239492)

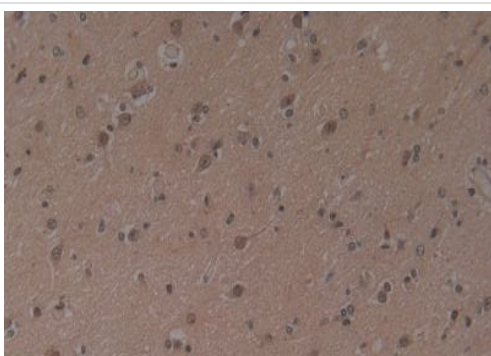
Anti-Hemojuvelin antibody [A7] (ab239492) at 5 µg/ml +
Recombinant human protein

Predicted band size: 45 kDa



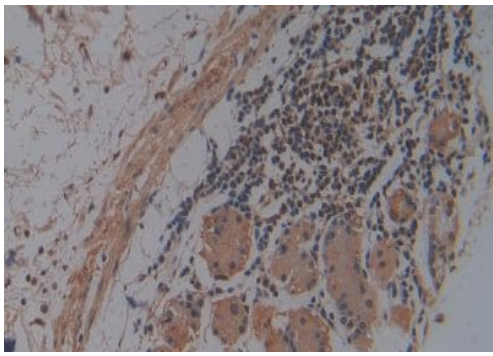
Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-Hemojuvelin antibody
[A7] (ab239492)

Paraffin-embedded human glioma tissue stained for Hemojuvelin
using ab239492 at 30 µg/ml in immunohistochemical analysis. DAB
staining.



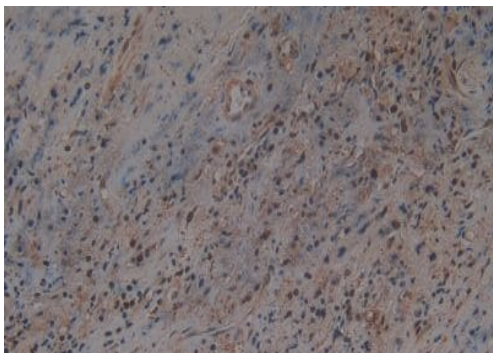
Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-Hemojuvelin antibody
[A7] (ab239492)

Paraffin-embedded human brain tissue stained for Hemojuvelin
using ab239492 at 30 µg/ml in immunohistochemical analysis. DAB
staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hemojuvelin antibody [A7] (ab239492)

Paraffin-embedded human stomach cancer tissue stained for Hemojuvelin using ab239492 at 30 µg/ml in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hemojuvelin antibody [A7] (ab239492)

Paraffin-embedded human prostate cancer tissue stained for Hemojuvelin using ab239492 at 30 µg/ml in immunohistochemical analysis. DAB staining.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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