

JAB1 Monoclonal Antibody (8H8.5)

Product Details	
Size	100 µL
Species Reactivity	Fruit fly, Human, Mouse, Rat
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	8H8.5
Conjugate	Unconjugated
Immunogen	The full-length mouse JAB-1 gene expressed in E. coli.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4
Contains	no preservative
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_559737

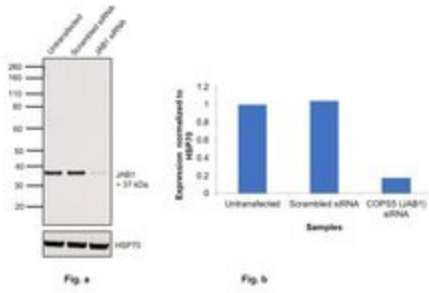
Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	5 µg/ml	-
Immunofluorescence (IF)	5 µg/ml	-
Immunoprecipitation (IP)	Assay dependent	-
Western Blot (WB)	1:1000	-

Product Specific Information

Recommended positive controls: 293 cell lysate.

JAB1 Antibody (MA1-23248)

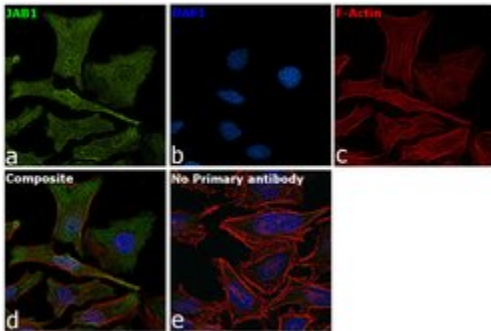
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. SH-SY5Y cells were transfected with JAB1 siRNA and reduction of signal was observed in Western Blot using JAB1 Mouse Monoclonal Antibody (Product # MA1-23248). Knockdown validation info.



Product Images For JAB1 Monoclonal Antibody (8H8.5)

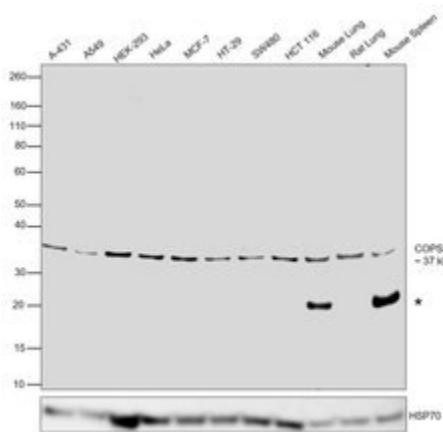
JAB1 Antibody (MA1-23248) in ICC

Immunofluorescence analysis of JAB1 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with JAB1 Monoclonal Antibody (Product # MA1-23248) at 5 µg/mL in 0.1% BSA, incubated at 4 degree Celsius overnight and then with Goat anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32723) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1: 300). Panel d represents the merged image showing nuclear and cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



JAB1 Antibody (MA1-23248) in WB

Western blot was performed using Anti-JAB1 Monoclonal Antibody (Product # MA1-23248) and a ~37 kDa band corresponding to JAB1 was observed across the cell lines and tissues tested along with a 25 kDa band (*) corresponding to light chain of IgG in mouse tissues. Whole cell extracts (30 ug lysate) of A-431 (Lane 1), A549 (Lane 2), HEK-293 (Lane 3), HeLa (Lane 4), MCF-7 (Lane 5), HT-29 (Lane 6), SW-480 (Lane 7), HCT 116 (Lane 8), Mouse Lung (Lane 9), Rat Lung (Lane 10) and Mouse Spleen (Lane 11) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:2000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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