

JAB1 Monoclonal Antibody (2A10)

Product Details	
Size	100 µL
Species Reactivity	Fruit fly, Human, Mouse, Rat
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	2A10
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
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_559734

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (IHC)	Assay-dependent	-
Immunocytochemistry (ICC/IF)	5 µg/ml	-
Immunoprecipitation (IP)	0.5-1 µg/mL	-

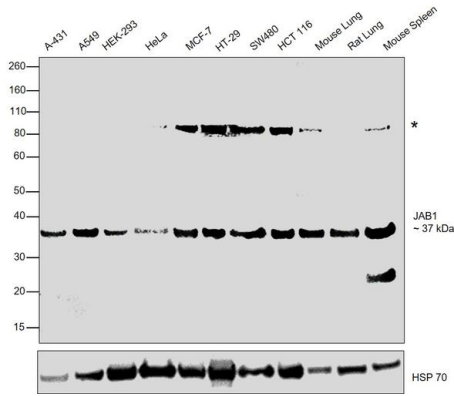
Product Specific Information

Recommended positive controls: 293T, A431, HeLa, HepG2, MCF-7, MDA-MB-231, Rat liver.

Product Images For JAB1 Monoclonal Antibody (2A10)

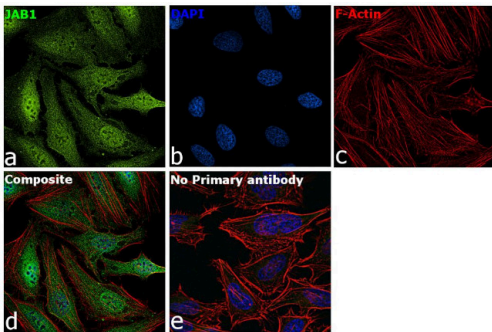
JAB1 Antibody (MA1-23244) in WB

Western blot was performed using anti-JAB1 Monoclonal Antibody (Product # MA1-23244) and a ~37 kDa band corresponding to JAB1 was observed across the cell lines and tissues tested. An additional un-characterized band (*) was observed at ~90 kDa. Whole cell extracts (30 µg lysate) of A-431 (Lane 1), A549 (Lane 2), HEK-293 (Lane 3), HeLa (Lane 4), MCF-7 (Lane 5), HT-29 (Lane 6), SW480 (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 (1:1000 dilution) and detected by chemiluminescence 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).



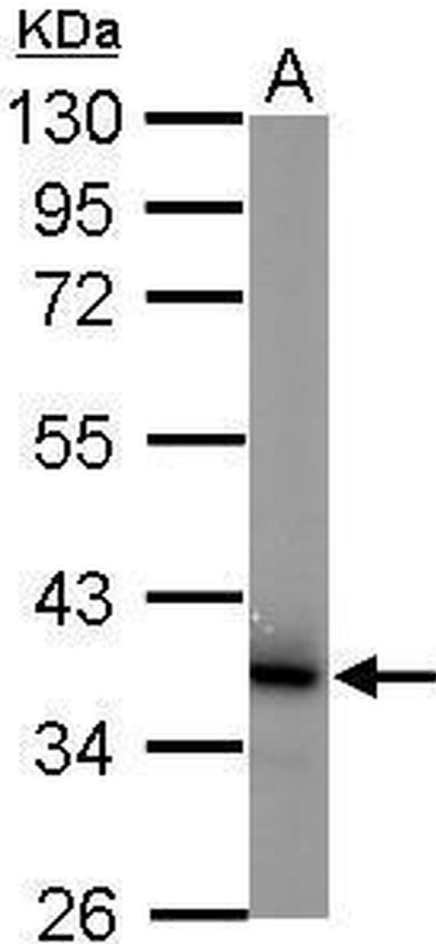
JAB1 Antibody (MA1-23244) in ICC/IF

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 # MA1-23244) 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 (MA1-23244) in WB

Western Blot using JAB1 Monoclonal Antibody (2A10) (Product # MA1-23244). Sample (50 µg of whole cell lysate). Lane A: mouse brain. 10% SDS PAGE. JAB1 Monoclonal Antibody (2A10) (Product # MA1-23244) diluted at 1:10,000.



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