

# TAF4 Monoclonal Antibody (20TA-1B12)

Product Details	
Size	50 µL
Species Reactivity	Human, Mouse
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	20TA-1B12
Conjugate	Unconjugated
Immunogen	Recombinant TAF4 protein. Epitope is localized between aa 815 and 836.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2637134

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	1:4,000	-

## Product Specific Information

MA3-075 detects TATA-Binding Protein (TBP) Associated factor 4 from human and mouse samples.

MA3-075 has been successfully used in Western blot and immunofluorescence applications.

The MA3-075 immunogen is a recombinant TAF4 protein. Epitope is localized between aa 815 and 836.

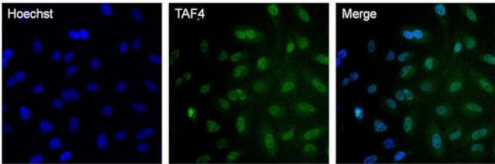
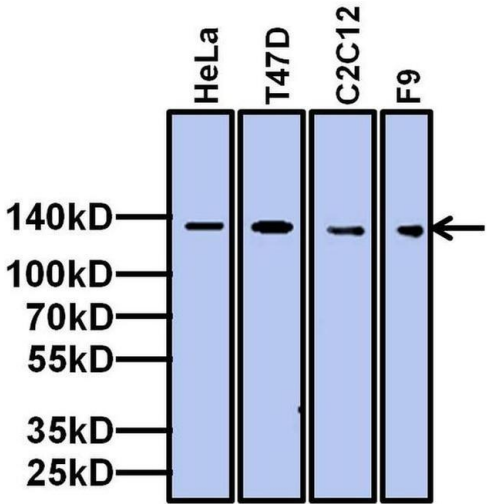
Product Images For TAF4 Monoclonal Antibody (20TA-1B12)

TAF4 Antibody (MA3-075) in WB

Western blot analysis of TAF4 was performed by loading 20 µg of HeLa, T47D nuclear lysates and 10-20 µg of C2C12 and F9 whole cell lysates, and 5 µL of PageRuler Plus Prestained Protein Ladder (Product # 26619) per well onto a 4-20% Tris-Glycine polyacrylamide gel (Product # WT4202BX10). Proteins were transferred to a nitrocellulose membrane using the G2 Blotter (Product # 62288), and blocked with 5% Milk in TBST for 1 hour at room temperature. TAF4 was detected at 135 kDa using a TAF4 mouse monoclonal antibody (Product # MA3-075) at a dilution of 1:1000 in blocking buffer for 1 hour at room temperature on a rocking platform, followed by a Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177) at a dilution of 1:1000 for at least 30 minutes at room temperature. Chemiluminescent detection was performed using SuperSignal West Pico (Product # 34078).

TAF4 Antibody (MA3-075) in ICC/IF

Immunofluorescent analysis of TAF4 in HeLa cells. The cells were fixed with 4% paraformaldehyde in PBS for 15 minutes at room temperature, permeabilized with 0.1% Triton X-100 for 15 minutes, and blocked with 3% BSA for 30 minutes at room temperature. Cells were stained with a TAF4 mouse monoclonal antibody (Product # MA3-075) at a dilution of 1:4000 in blocking buffer for 1 hour at room temperature, and then incubated with a Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A28175) at a dilution of 1:1000 for at least 30 minutes at a room temperature in the dark (green). Nuclei (blue) were stained with Hoechst 33342 (Product # 62249). Images were taken on a Thermo Scientific ToxInsight Instrument at 20X magnification.



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