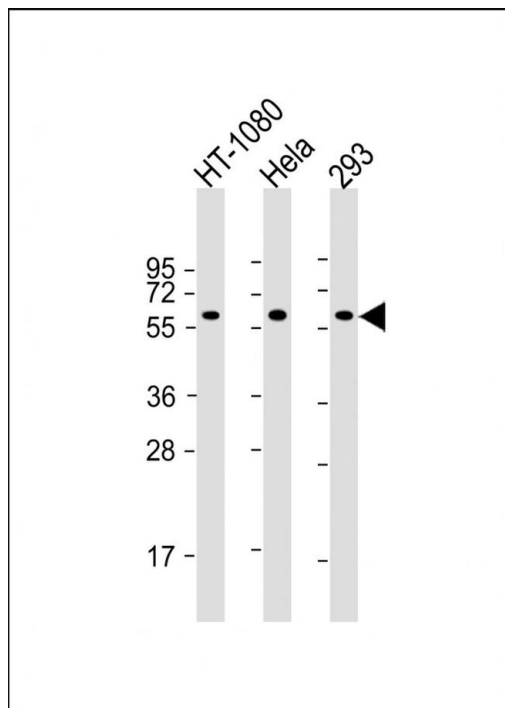


SMAD1 Monoclonal Antibody (1356CT119.18.55)

Product Details	
Size	200 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	1356CT119.18.55
Conjugate	Unconjugated
Immunogen	recombinant protein between 20-330 amino acids from human SMAD1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2897662

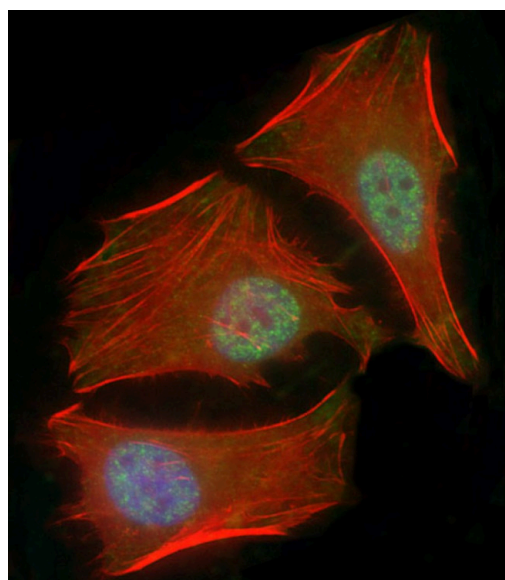
Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:25	-
Immunocytochemistry (ICC/IF)	1:25	-

Product Images For SMAD1 Monoclonal Antibody (1356CT119.18.55)



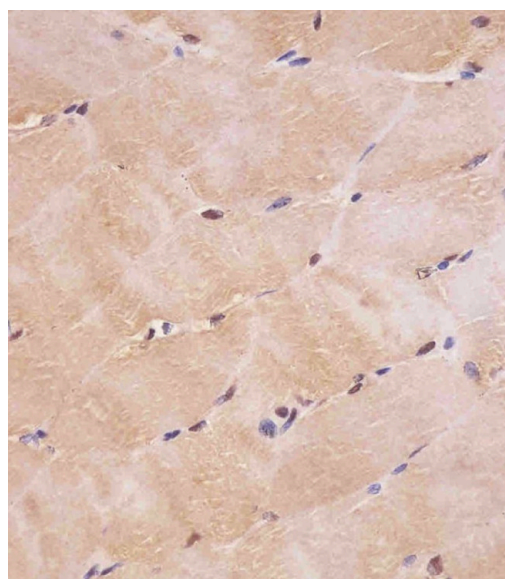
SMAD1 Antibody (MA5-37738) in WB

Western Blot analysis of SMAD1 using the SMAD1 Monoclonal Antibody (Product # MA5-37738) at a 1:2000 dilution. Lane 1: HT-1080 whole cell lysate, Lane 2: HeLa whole cell lysate, Lane 3: 293 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1:10,000 dilution. Predicted band size : 60 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



SMAD1 Antibody (MA5-37738) in ICC/IF

Immunocytochemistry/Immunofluorescent analysis of SMAD1 in 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa cells using SMAD1 Monoclonal Antibody (Product # MA5-37738) at a 1:25 dilution, followed by Dylight® 488-conjugated goat anti-mouse IgG (NH174309) secondary antibody at 1:200 dilution (green). Immunofluorescence image showing nucleus and weak cytoplasm staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1:100 dilution (red). The nuclear counter stain is DAPI (blue).



SMAD1 Antibody (MA5-37738) in IHC (P)

Immunohistochemistry (Paraffin) analysis of SMAD1 in human skeletal muscle tissue sections using the SMAD1 Monoclonal Antibody (Product # MA5-37738) at a dilution of 1:25. Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1:25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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