

KD-Validated Anti-SSB Mouse Monoclonal Antibody

Mouse monoclonal antibody

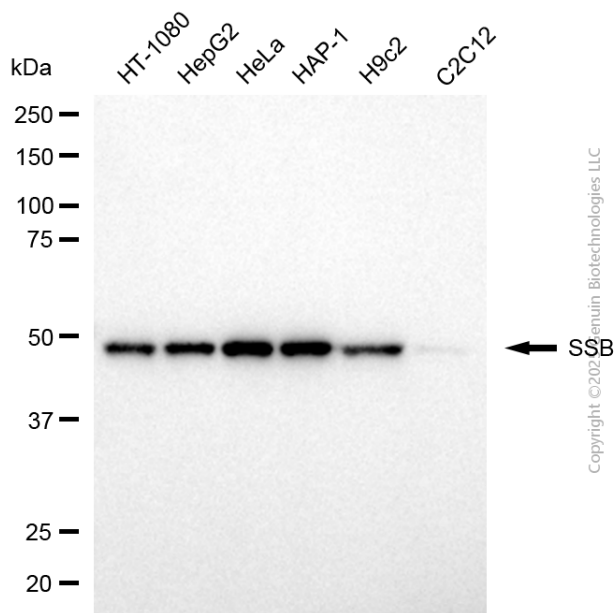
ABG2073

Product Overview

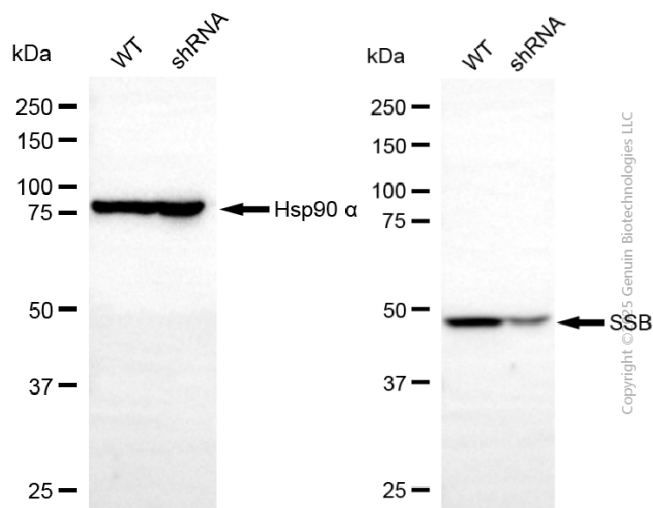
Name	KD-Validated Anti-SSB Mouse Monoclonal Antibody
Accession(Primary)	P05455
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a
Immunogen	Recombinant protein of human SSB
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 47 kDa, observed, 47 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (P05455)

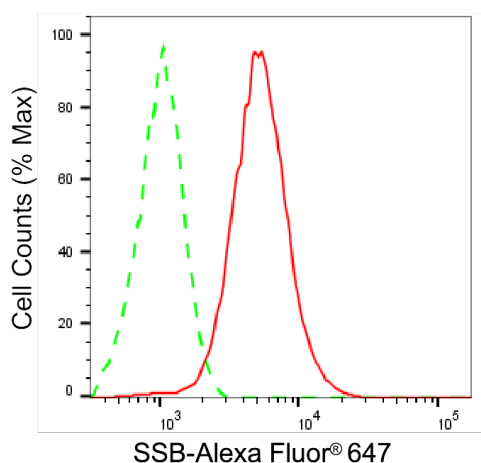
Gene Name	SSB
About Gene Symbol	SSB (Small RNA Binding Exonuclease Protection Factor La) is a protein kinase and signaling regulator involved in adaptive immunity. It is an important research target in autoimmune disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



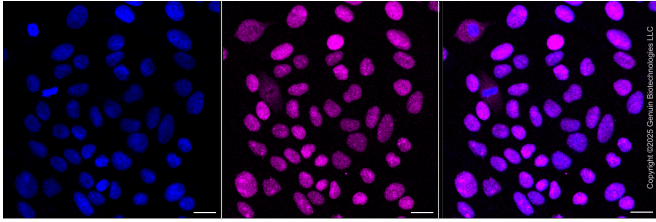
Western blotting analysis using anti-SSB antibody (Cat#ABG2073). Total cell lysates (30 µg for H9c2 and C2C12, 10 µg for others) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SSB antibody (Cat#ABG2073, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-SSB antibody (Cat#ABG2073). SSB expression in wild-type (WT) and SSB shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-SSB antibody (Cat#ABG2073, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of SSB expression in HepG2 cells using anti-SSB antibody (Cat#ABG2073, 1:2,000). Green, isotype control; red, SSB.



Immunocytochemical staining of HepG2 cells with anti-SSB associated protein antibody (Cat#ABG2073, 1:1,000). Nuclei were stained blue with DAPI; SSB associated protein was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.