

## USF2 Antibody

Mouse Monoclonal Antibody [Clone PCR-P-USF2-1A7]

Catalog No	Format	Size
7392-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7392-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7392-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

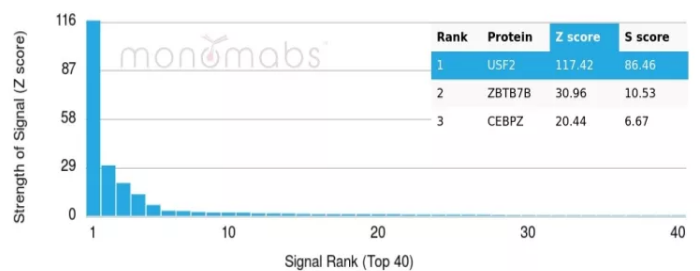
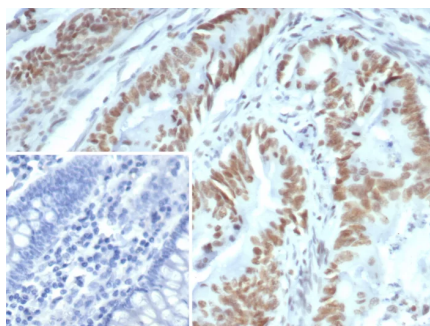
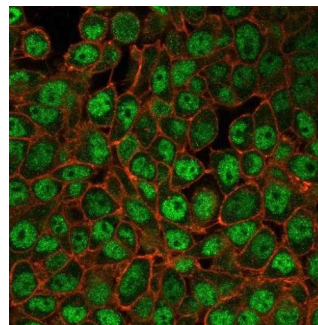
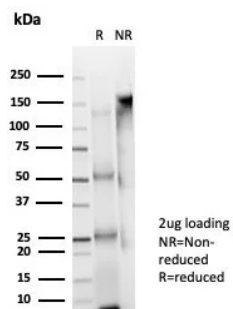
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

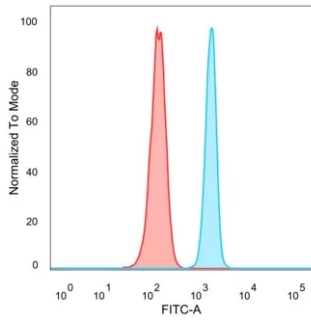
### Product Details

<b>Clone</b>	PCR-P-USF2-1A7
<b>Gene Name</b>	USF2
<b>Immunogen</b>	Recombinant fragment (aa220-346) of human USF2 protein
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2c / Kappa
<b>Mol. Weight of Antigen</b>	44kDa
<b>Cellular Localization</b>	Nucleus.
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	HeLa cells.

\*Optimal dilution for a specific application should be determined.

### Product Images for USF2 Antibody





### Specificity & Comments

The ubiquitously expressed cellular upstream stimulatory factor (USF) consists of USF-1 and USF-2 polypeptides which independently exhibit site-specific DNA binding and are members of the c-Myc-related family of regulatory factors containing helix-loop-helix domains. USF also contains a leucine repeat that is required for efficient DNA binding. USF was originally identified as an upstream stimulatory factor that binds the core sequence CACGTG in the adenovirus late promoter. These findings, together with the demonstration of cooperative interaction between USF and the initiator-binding protein, TFII-I, raises the possibility of a more general involvement of USF in transcriptional regulation. While expression of both USF-1 and USF-2 species is ubiquitous, different ratios of USF homo- and heterodimers are found in different cell types.

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Nuclear Marker, Signal Transduction