

## CSTF2T (Transcription Factor) Antibody

Mouse Monoclonal Antibody [Clone PCRP-CSTF2T-1A3]

Catalog No	Format	Size
23283-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
23283-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
23283-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

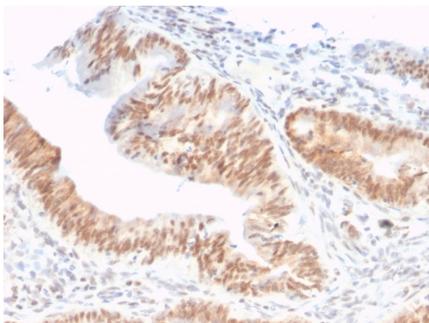
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

### Product Details

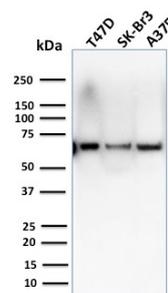
<b>Clone</b>	PCRP-CSTF2T-1A3
<b>Gene Name</b>	CSTF2T
<b>Immunogen</b>	Recombinant full-length human CSTF2T protein
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2b / Kappa
<b>Mol. Weight of Antigen</b>	64kDa
<b>Cellular Localization</b>	Nucleus
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	A375, Jurkat or HeLa cells. Human colon adenocarcinoma or lung adenocarcinoma.

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

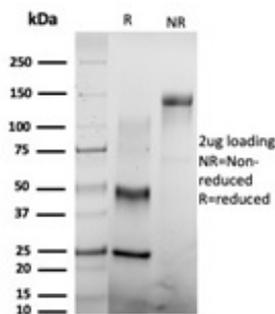
### Product Images for CSTF2T (Transcription Factor) Antibody



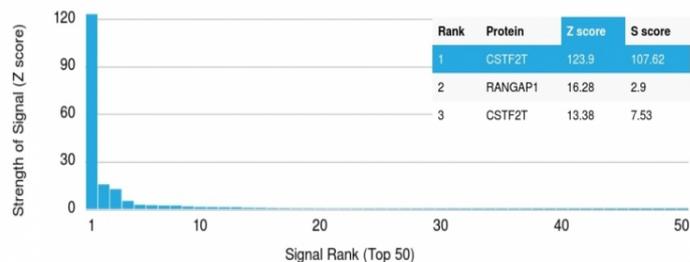
Formalin-fixed, paraffin-embedded human colon adenocarcinoma stained with CSTF2T Mouse Monoclonal Antibody (PCRP-CSTF2T-1A3).



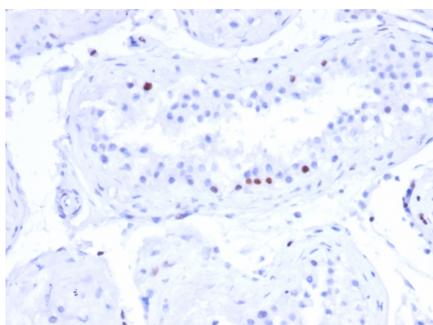
Western Blot Analysis of human T47D, SK-Br3 & A375 cell lysates using CSTF2T Mouse Monoclonal Antibody (PCRP-CSTF2T-1A3).



SDS-PAGE Analysis Purified CSTF2T Mouse Monoclonal Antibody (PCRP-CSTF2T-1A3). Confirmation of Purity and Integrity of Antibody.



Analysis of Protein Array containing more than 19,000 full-length human proteins using CSTF2T Mouse Monoclonal Antibody (PCRP-CSTF2T-1A3). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Formalin-fixed, paraffin-embedded human testis stained with CSTF2T Mouse Monoclonal Antibody (PCRP-CSTF2T-1A3).

### Specificity & Comments

This gene encodes a nuclear protein with an RRM (RNA recognition motif) domain. The protein is a member of the cleavage stimulation factor (CSTF) complex that is involved in the 3' end cleavage and polyadenylation of pre-mRNAs. Specifically, this protein binds GU-rich elements within the 3'-untranslated region of mRNAs.

### 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

Transcription Factors

### 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.