

Mouse anti-Human CSTF3 Monoclonal Antibody | anti-CSTF3 antibody

CSTF3 (734) Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62348	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

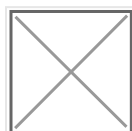
PRODUCT SYNONYMS

CSTF3; Monoclonal Antibody; CSTF3 (734) Mouse mAb; CSTF3(734) Mouse mAb; CF-1 77 kDa subunit; cleavage stimulation factor 3' pre-RNA subunit 3 77kDa; Cleavage stimulation factor 77 kDa subunit; Cleavage stimulation factor subunit 3; cleavage stimulation factor subunit 3 isoform 1; cleavage stimulation factor subunit 3; isoform 1; cleavage stimulation factor; 3' pre-RNA; subunit 3; 77kD; 77kDa; CSTF 77 kDa subunit; CSTF-77; MGC117398; MGC43001; MGC75122; anti-CSTF3 antibody

PRODUCT SPECIFICATIONS

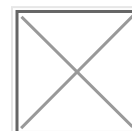
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	44
Applicable Applications for anti-CSTF3 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human CSTF3.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



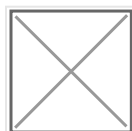
FCM/FACS (Flow Cytometry)

All lanes : CSTF3 Mouse mAb at 1/2000 dilution
Lane 1 : THP1 cells membrane fraction
Lane 2 : Jurkat cells membrane fraction
Lysates/proteins at 20 ug per lane.
SecondaryGoat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution
Predicted band size : 83 KDa
Observed band size : 83 KDa
Blocking/Dilution buffer : 1x TBST.



IP (Immunoprecipitation)

CSTF3 was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with M25222 of 10 ug. Western blot was performed from the immunoprecipitate using M25222 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: THP1 cells membrane fraction. Lane2: IP product of THP1 cells membrane fraction.
Blocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

Flow cytometric analysis of 2% paraformaldehyde-fixed THP1 (Human acute monocytic leukemia cell line) cells labeling CSTF3 with M25222 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CSTF3 antibody	The protein encoded by this gene is one of three (including CSTF1 and CSTF2) cleavage stimulation factors that combine to form the cleavage stimulation factor complex (CSTF). This complex is involved in the polyadenylation and 3' end cleavage of pre-mRNAs. The encoded protein functions as a homodimer and interacts directly with both CSTF1 and CSTF2 in the CSTF complex. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-CSTF3 antibody	Cell Marker; Subcellular Marker; Nucleoplasma

NCBI AND UNIPROT INFORMATION

NCBI GI #	75709189
NCBI GeneID	1479
NCBI Accession #	NP_001028678.1
NCBI GenBank Nucleotide #	NM_001033506.1
UniProt Accession #	Q12996; Q32P22; Q96FQ8; Q96QD6; Q96QK4; A8K471; D3DR04; E9PB40
Molecular Weight	Predicted MW: 82.9kDa
NCBI Official Full Name	cleavage stimulation factor subunit 3 isoform 3
NCBI Official Synonym Full Names	cleavage stimulation factor subunit 3
NCBI Official Symbol	CSTF3
NCBI Official Synonym Symbols	CSTF-77
NCBI Protein Information	cleavage stimulation factor subunit 3
UniProt Protein Name	Cleavage stimulation factor subunit 3
UniProt Gene Name	CSTF3
UniProt Synonym Gene Names	CSTF 77 kDa subunit; CstF-77

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.