

Mouse anti-Human CPSF1 Monoclonal Antibody | anti-CPSF1 antibody

CPSF1 (514) Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62347	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

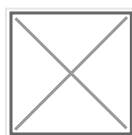
PRODUCT SYNONYMS

CPSF1; Monoclonal Antibody; CPSF1 (514) Mouse mAb; CPSF1(514) Mouse mAb; Cleavage and polyadenylation specific factor 1; cleavage and polyadenylation specific factor 1; 160kDa; Cleavage and polyadenylation specificity factor 160 kDa subunit; Cleavage and polyadenylation specificity factor subunit 1; CPSF 160 kDa subunit; CPSF160; HSU37012; P/cl.18; polyadenylation specificity factor; anti-CPSF1 antibody

PRODUCT SPECIFICATIONS

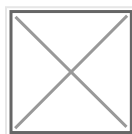
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	936
Applicable Applications for anti-CPSF1 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human CPSF1.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



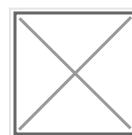
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed THP1 (Human acute monocytic leukemia cell line) cells labeling CPSF1 with M25223 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.



WB (Western Blot)

All lanes : CPSF1 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. Secondary Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution Predicted band size : 160 KDa Observed band size : 160 KDa Blocking/Dilution buffer : 1x TBST.



IP (Immunoprecipitation)

CPSF1 was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with M25223 of 10 ug. Western blot was performed from the immunoprecipitate using M25223 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.

ADDITIONAL INFORMATION

Related Product Information for anti-CPSF1 antibody	Cleavage and polyadenylation specificity factor (CPSF) is a multisubunit complex that plays a central role in 3-prime processing of pre-mRNAs. CPSF recognizes the AAUAAA signal in the pre-mRNA and interacts with other proteins to facilitate both RNA cleavage and poly(A) synthesis. CPSF1 is the largest subunit of the CPSF complex.
Product Categories/Family for anti-CPSF1 antibody	Cell Marker; Subcellular Marker; Nucleoplasma

NCBI AND UNIPROT INFORMATION

NCBI GI #	958692178
Molecular Weight	Predicted MW: 160kDa
NCBI Official Full Name	CPSF1, partial
UniProt Protein Name	CPSF1
UniProt Gene Name	CPSF1

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cpsf1-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62347>