

Mouse anti-Human PRPF8 Monoclonal Antibody | anti-PRPF8 antibody

Mouse monoclonal antibody Anti-Human PRPF8

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36402	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Immunocytochemistry, Dot Blot

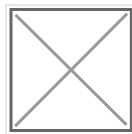
PRODUCT SYNONYMS

PRPF8; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human PRPF8; Homo sapiens PRP8 pre-mRNA processing factor 8 homolog (yeast) (PRPF8); PRP8; RP13; HPRP8; PRPC8; anti-PRPF8 antibody

PRODUCT SPECIFICATIONS

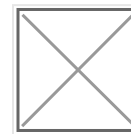
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2834C1a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	7311
Applicable Applications for anti-PRPF8 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-PRPF8 mAb. [Lot No. 2834C1a-1]



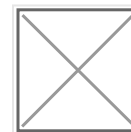
FCM/FACS (Flow Cytometry)

HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-PRPF8 mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor(R) 488-conjugated goat anti-mouse IgG. [Lot No. 2834C1a-1]



WB (Western Blot)

Detection of PRPF8 by Western blot. Samples: Whole cell lysate from human HEK293 (H, 25 ug), mouse NIH3T3 (M, 25 ug) and rat F2408 (R, 25 ug) cells. [Lot No. 2834C1a-1] Predicted molecular weight: 273 kDa



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-PRPF8 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PRPF8 antibody

Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by this gene is a component of both U2- and U12-dependent spliceosomes, and found to be essential for the catalytic step II in pre-mRNA splicing process. It contains several WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to yeast Prp8 protein. This gene is a candidate gene for autosomal dominant retinitis pigmentosa. [NCBI Entrez Gene Summary]

NCBI AND UNIPROT INFORMATION

NCBI GI #	91208425
NCBI GeneID	10594
NCBI Accession #	NP_006436.3
NCBI GenBank Nucleotide #	NM_006445
Molecular Weight	273,600 Da
NCBI Official Full Name	Homo sapiens pre-mRNA processing factor 8 (PRPF8), mRNA
NCBI Official Synonym Full Names	pre-mRNA processing factor 8
NCBI Official Symbol	PRPF8
NCBI Official Synonym Symbols	PRP8; RP13; HPRP8; PRPC8; SNRNP220
NCBI Protein Information	pre-mRNA-processing-splicing factor 8; 220 kDa U5 snRNP-specific protein; PRP8 homolog; PRP8 pre-mRNA processing factor 8 homolog; U5 snRNP-specific protein (220 kD), ortholog of S. cerevisiae Prp8p; apoptosis-regulated protein 1; apoptosis-regulated protein 2; p220; precursor mRNA processing protein; splicing factor Prp8
UniProt Protein Name	Pre-mRNA-processing-splicing factor 8
UniProt Gene Name	PRPF8
UniProt Entry Name	PRP8_HUMAN

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/prpf8-antibody-clone-2834c1a-flow-cytometry-western-blot-immunocytochemistry-dot-blot-elisa/36402>