

SNRPD1 recombinant antibody

SNRPD1 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279156	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

SNRPD1; Monoclonal Recombinant Antibody; SNRPD1 Recombinant Monoclonal Antibody; AA407109; AL023031; HsT2456; Sm D1; Sm-D autoantigen; Sm-D1; Small nuclear ribonucleoprotein D1 polypeptide; Small nuclear ribonucleoprotein Sm D1; SmD autoantigen; SMD1; SMD1_HUMAN; snRNP core protein D1; SNRPD; Snrpd1; SNRPD1 recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a
Clone Number	24E2
Purity/Purification	Affinity purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for SNRPD1 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human SNRPD1 protein
Conjugation	Non-conjugated
Research Area	Epigenetics and Nuclear Signaling; Immunology
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing HeLa cells stained with AAA279156 (red line) at 1:100. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1 μ g/1*10⁶cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1 μ g/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



IF (Immunofluorescence)

Immunofluorescence staining of A549 cell with AAA279156 at 1:20, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA279156 diluted at 1:50 and staining in paraffin-embedded human stomach tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-mouse polymer IgG labeled by HRP and visualized using 0.05% DAB.



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NCBI AND UNIPROT INFORMATION

NCBI GI #	119621535
NCBI GeneID	6632
UniProt Accession #	P62314 ; P13641 ; B5BTZ1
Molecular Weight	13,282 Da
NCBI Official Full Name	small nuclear ribonucleoprotein D1 polypeptide 16kDa
NCBI Official Synonym Full Names	small nuclear ribonucleoprotein D1 polypeptide 16kDa
NCBI Official Symbol	SNRPD1
NCBI Official Synonym Symbols	SMD1; SNRPD; Sm-D1; HsT2456
NCBI Protein Information	small nuclear ribonucleoprotein Sm D1; Sm-D autoantigen; snRNP core protein D1; small nuclear ribonucleoprotein D1 polypeptide 16kDa pseudogene
UniProt Protein Name	Small nuclear ribonucleoprotein Sm D1
UniProt Gene Name	SNRPD1
UniProt Synonym Gene Names	Sm-D1
UniProt Entry Name	SMD1_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/snrpd1-recombinant-antibody-clone-24e2-flow-cytometry-immunofluorescence-immunohistochemistry-elisa/279156>