

Mouse anti-Human POLR2G Monoclonal Antibody | anti-POLR2G antibody

Mouse monoclonal antibody Anti-Human POLR2G

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36416	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Dot Blot

PRODUCT SYNONYMS

POLR2G; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human POLR2G; Homo sapiens polymerase (RNA) II (DNA directed) polypeptide G (POLR2G); RPB7; hRPB19; hsRPB7; MGC138367; MGC138369; anti-POLR2G antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2781C2a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	852
Applicable Applications for anti-POLR2G antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), 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



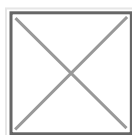
FCM/FACS (Flow Cytometry)

HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-POLR2G mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor(R) 488-conjugated goat anti-mouse IgG. [Lot No. 2781C2a-1]



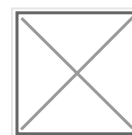
WB (Western Blot)

Detection of POLR2G by Western blot. Samples: Whole cell lysate from human HT-1080 (H, 25 ug), mouse NIH3T3 (M, 25 ug) and rat F2408 (R, 25 ug) cells. [Lot No. 2781C2a-1] Predicted molecular weight: 19 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-POLR2G monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-POLR2G antibody	The homeodomain-containing transcription factor NKX3A is a putative prostate tumor suppressor that is expressed in a largely prostate-specific and androgen-regulated manner. Loss of NKX3A protein expression is a common finding in human prostate carcinomas and prostatic intraepithelial neoplasia.[supplied by OMIM] [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219879812
NCBI GeneID	5436
NCBI Accession #	NP_002687.1
NCBI GenBank Nucleotide #	NM_002696
Molecular Weight	19,294 Da
NCBI Official Full Name	Homo sapiens polymerase (RNA) II (DNA directed) polypeptide G (POLR2G), mRNA
NCBI Official Synonym Full Names	polymerase (RNA) II (DNA directed) polypeptide G
NCBI Official Symbol	POLR2G
NCBI Official Synonym Symbols	RPB7; RPB19; hRPB19; hsRPB7
NCBI Protein Information	DNA-directed RNA polymerase II subunit RPB7; DNA directed RNA polymerase II 19 kda polypeptide; DNA-directed RNA polymerase II 19 kDa polypeptide; DNA-directed RNA polymerase II subunit G; RNA polymerase II 19 kDa subunit; RNA polymerase II seventh subunit; RNA polymerase II subunit B7
UniProt Gene Name	POLR2G
UniProt Entry Name	RPB7_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/polr2g-antibody-clone-2781c2a-flow-cytometry-western-blot-dot-blot-elisa/36416>