

Rabbit anti-Human RRM2 Monoclonal Antibody | anti-RRM2 antibody

Anti-RRM2 [SAIC-30C-18]

CATALOG # AAA72077	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
------------------------------	-----------------------	----------------------------	--

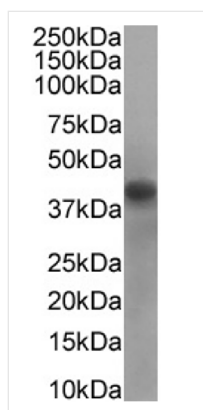
PRODUCT SYNONYMS

RRM2; Monoclonal Antibody; Anti-RRM2 [SAIC-30C-18]; RR2; R2; RR2M; ribonucleotide reductase regulatory subunit M2; Ribonucleoside-diphosphate reductase subunit M2; anti-RRM2 antibody

PRODUCT SPECIFICATIONS

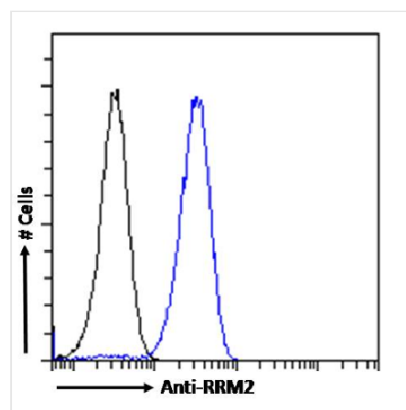
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	SAIC-30C-18
Specificity	Recognizes human RRM2.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-RRM2 antibody	WB (Western Blot), ELISA
PMID	25512614
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



WB (Western Blot)

Western Blot using anti-RRM2 antibody SAIC-30C-18 (AAA72077). Jurkat cell lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SAIC-30C-18 () at 1ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



FCM/FACS (Flow Cytometry)

Flow cytometry using the Anti-RRM2 antibody SAIC-30C-18 (AAA72077). Paraformaldehyde fixed HeLa cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody or the rabbit IgG version of SAIC-30C-18 (, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for anti-RRM2 antibody	Recombinant monoclonal antibody to RRM2. Recombinant Platform with variable regions (i.e. specificity) from the B-cell cDNA library SAIC-30C-18. The KLH-conjugated peptide "IEQEFLTEALPVK" derived from Ribonucleoside-diphosphate reductase subunit M2 (RRM2). RRM2 provides precursors required for DNA synthesis.
Product Categories/Family for anti-RRM2 antibody	immunoMRM
References	Schoenherr et al. Anti-peptide monoclonal antibodies generated for immuno-multiple reaction monitoring-mass spectrometry assays have a high probability of supporting Western blot and ELISA. Mol Cell Proteomics Note on publication: Describes generation a panel of recombinant antibodies using synthetic peptides of human proteins as well as validation using ELISA and multiple reaction monitoring-mass spectrometry.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557845
NCBI GeneID	6241
NCBI Accession #	NP_001025.1
NCBI GenBank Nucleotide #	NM_001034.3
UniProt Accession #	P31350; Q5WRU7; B2R9B5; J3KP43
Molecular Weight	51,093 Da
NCBI Official Full Name	ribonucleoside-diphosphate reductase subunit M2 isoform 2
NCBI Official Synonym Full Names	ribonucleotide reductase M2
NCBI Official Symbol	RRM2
NCBI Official Synonym Symbols	R2; RR2; RR2M
NCBI Protein Information	ribonucleoside-diphosphate reductase subunit M2; ribonucleotide reductase M2 polypeptide; ribonucleotide reductase small chain; ribonucleotide reductase small subunit
UniProt Protein Name	Ribonucleoside-diphosphate reductase subunit M2
UniProt Gene Name	RRM2
UniProt Synonym Gene Names	RR2
UniProt Entry Name	RIR2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/rrm2-antibody-clone-saic-30c-18-western-blot-elisa/72077>