

Mouse anti-Human RBM17/SPF45 Monoclonal Antibody | anti-RBM17/SPF45 antibody

RBM17/SPF45 (514) Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62354	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

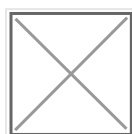
PRODUCT SYNONYMS

RBM17/SPF45; Monoclonal Antibody; RBM17/SPF45 (514) Mouse mAb; RBM17/SPF45(514) Mouse mAb; 45 kDa-splicing factor; RNA-binding motif protein 17; SPF45; Splicing factor 45; splicing factor 45kDa; anti-RBM17/SPF45 antibody

PRODUCT SPECIFICATIONS

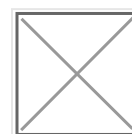
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	401
Applicable Applications for anti-RBM17/SPF45 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a polypeptide corresponding to SPF45 protein.
Product Advantage	Mass spectrum approved
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



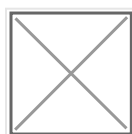
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed THP1 (Human acute monocytic leukemia cell line) cells labeling SPF45 with AAA62354 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.



IP (Immunoprecipitation)

SPF45 was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with 10 ug. Western blot was performed from the immunoprecipitate using AAA62354 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.



WB (Western Blot)

All lanes: SPF45 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: 45 KDa
Observed band size: 45 KDa
Blocking/Dilution buffer : 1x TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-RBM17/SPF45 antibody	This gene encodes an RNA binding protein. The encoded protein is part of the spliceosome complex and functions in the second catalytic step of mRNA splicing. Alternatively spliced transcript variants have been described. Related pseudogenes exist on chromosomes 9 and 15.
Product Categories/Family for anti-RBM17/SPF45 antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	25058249
NCBI GeneID	84991
Molecular Weight	Predicted MW: 45kDa
NCBI Official Full Name	RBM17 protein
NCBI Official Synonym Full Names	RNA binding motif protein 17
NCBI Official Symbol	RBM17
NCBI Official Synonym Symbols	SPF45
NCBI Protein Information	splicing factor 45
UniProt Protein Name	Splicing factor 45
UniProt Gene Name	RBM17
UniProt Synonym Gene Names	SPF45

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/rbm17-spf45-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62354>