

RAN recombinant antibody

RAN Recombinant Monoclonal Antibody

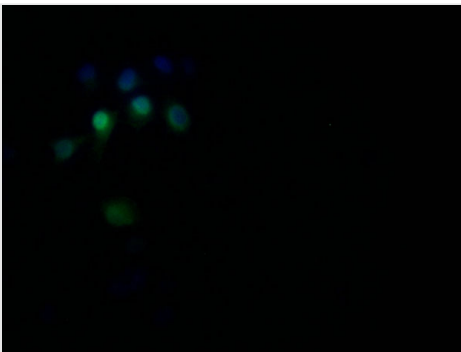
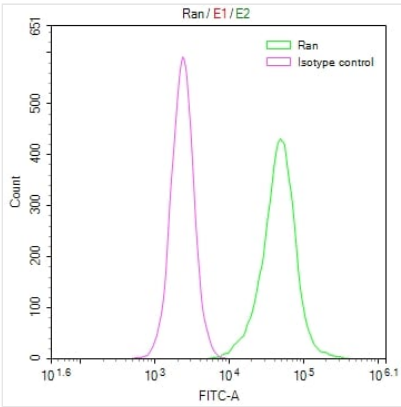
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279133	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

RAN; Monoclonal Recombinant Antibody; RAN Recombinant Monoclonal Antibody; GTP-binding nuclear protein Ran (Androgen receptor-associated protein 24)(GTPase Ran)(Ras-like protein TC4)(Ras-related nuclear protein); ARA24; RAN recombinant antibody

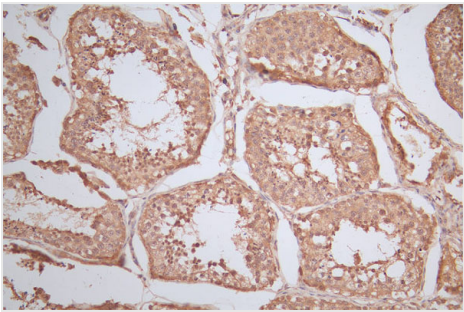
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	15A8
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for RAN recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human RAN
Conjugation	Non-conjugated
Research Area	Others
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



IF (Immunofluorescence)
Immunofluorescence staining of HeLa with AAA279133 at 1:30, 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 527-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

FCM/FACS (Flow Cytometry)
Overlay Peak curve showing HeLa cells stained with AAA279133 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



IHC (Immunohistochemistry)
IHC image of AAA279133 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ 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-rabbit polymer IgG labeled by HRP and visualized using 0.78% DAB.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453555
NCBI GeneID	5901
NCBI Accession #	NP_006316.1
NCBI GenBank Nucleotide #	NM_006325.3
UniProt Accession #	P62826; P17080; P28746; P28747; Q6IPB2; Q86V08; Q8NI90; Q9CSP3; Q9CWI7; Q9CZA2; Q9UDJ5; A8K3Z8; AAB24940
Molecular Weight	24,423 Da
NCBI Official Full Name	GTP-binding nuclear protein Ran
NCBI Official Synonym Full Names	RAN, member RAS oncogene family
NCBI Official Symbol	RAN
NCBI Official Synonym Symbols	TC4; Gsp1; ARA24

NCBI Protein Information	GTP-binding nuclear protein Ran; RanGTPase; GTPase Ran; OK/SW-cl.81; ras-like protein TC4; member RAS oncogene family; ras-related nuclear protein; guanosine triphosphatase Ran; androgen receptor-associated protein 24
UniProt Protein Name	GTP-binding nuclear protein Ran
UniProt Gene Name	RAN
UniProt Synonym Gene Names	ARA24
UniProt Entry Name	RAN_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/ran-recombinant-antibody-clone-15a8-flow-cytometry-immunofluorescence-immunohistochemistry-elisa/279133>