

SRR recombinant antibody

SRR Recombinant Monoclonal Antibody

CATALOG # AAA279006	HOST HEK293F Cell	REACTIVITY Human, Mouse	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot, ELISA
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PRODUCT SYNONYMS

SRR; Monoclonal Recombinant Antibody; SRR Recombinant Monoclonal Antibody; Serine racemase (EC 5.1.1.18)(D-serine ammonia-lyase)(D-serine dehydratase)(EC 4.3.1.18)(L-serine ammonia-lyase)(L-serine dehydratase)(EC 4.3.1.17); SRR recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	12B2
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for SRR recombinant antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human SRR
Conjugation	Non-conjugated
Research Area	Neuroscience
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 HepG2 cells stained with AAA279006 (red line) at 1:100. 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?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?.Control antibody (green line) was rabbit IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



WB (Western Blot)

Western BlotPositive WB detected in: A549 whole cell lysate, U87 whole cell lysateAll lanes: SRR antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 37 kDaObserved band size: 37 kDa

ADDITIONAL INFORMATION

Related Product Information for SRR recombinant antibody	Catalyzes the synthesis of D-serine from L-serine. D-serine is a key coagonist with glutamate at NMDA receptors. Has dehydratase activity towards both L-serine and D-serine. {ECO:0000269 PubMed:11054547, ECO:0000269 PubMed:20106978}.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11345492
NCBI GeneID	63826
NCBI Accession #	NP_068766.1
NCBI GenBank Nucleotide #	NM_021947.2
UniProt Accession #	Q9GZT4; Q6IA55; D3DTI5
Molecular Weight	36,566 Da
NCBI Official Full Name	serine racemase isoform a
NCBI Official Synonym Full Names	serine racemase
NCBI Official Symbol	SRR
NCBI Official Synonym Symbols	ILV1; ISO1
NCBI Protein Information	serine racemase; D-serine ammonia-lyase; D-serine dehydratase; L-serine ammonia-lyase; L-serine dehydratase
UniProt Protein Name	Serine racemase
UniProt Gene Name	SRR
UniProt Entry Name	SRR_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/srr-recombinant-antibody-clone-12b2-flow-cytometry-western-blot-elisa/279006>