

Product datasheet for **TA500958**

Serine racemase (SRR) Mouse Monoclonal Antibody [Clone ID: OTI7G6]

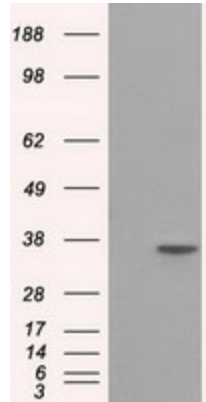
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI7G6 |
| Applications: | FC, IF, WB |
| Recommended Dilution: | WB 1:500, IF 1:100, Flow 1:100 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human SRR(NP_068766) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 36.6 kDa |
| Gene Name: | serine racemase |
| Database Link: | NP_068766 Entrez Gene 27364 Mouse Entrez Gene 303306 Rat Entrez Gene 63826 Human Q9GZT4 |
| Background: | Catalyzes the synthesis of D-serine from L-serine |
| Synonyms: | ILV1; ISO1 |
| Protein Pathways: | Glycine, serine and threonine metabolism |

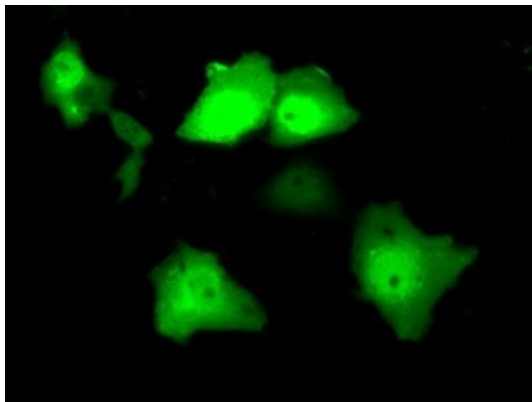


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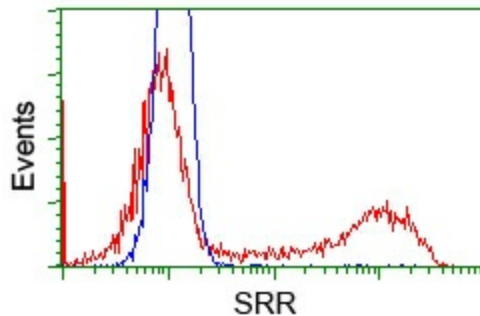
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SRR ([RC210359], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SRR. Positive lysates [LY402897] (100ug) and [LC402897] (20ug) can be purchased separately from OriGene.



Anti-SRR mouse monoclonal antibody (TA500958) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SRR ([RC210359]).



HEK293T cells transfected with either pCMV6-ENTRY SRR ([RC210359]) (Red) or empty vector control plasmid (Blue) were immunostained with anti-SRR mouse monoclonal (TA500958), and then analyzed by flow cytometry.