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Product datasheet for TA503267

TRAP alpha (SSR1) Mouse Monoclonal Antibody [Clone ID: OTI 4C9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI 4C9
Applications:	FC, WB
Recommend Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SSR1 (NP_003135) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.2 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	32.1 kDa
Gene Name:	signal sequence receptor subunit 1
Database Link:	NP_003135 Entrez Gene 6745 Human
Background:	The signal sequence receptor (SSR) is a glycosylated endoplasmic reticulum (ER) membrane receptor associated with protein translocation across the ER membrane. The SSR consists of 2 subunits, a 34-kD glycoprotein encoded by this gene and a 22-kD glycoprotein. This gene generates several mRNA species as a result of complex alternative polyadenylation. This gene is unusual in that it utilizes arrays of polyA signal sequences that are mostly non-canonical. [provided by RefSeq, Jul 2008]
Synonyms:	TRAPA
Protein Families:	Druggable Genome, Transmembrane

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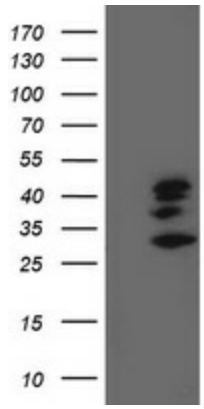
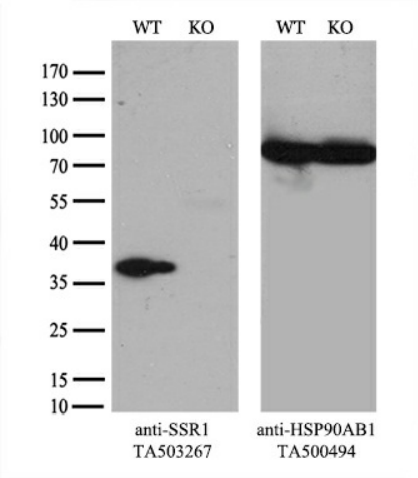
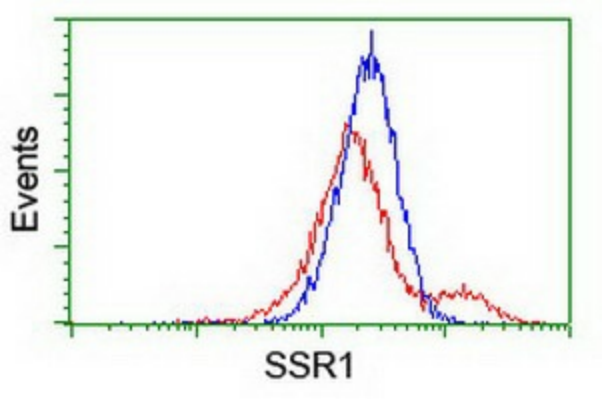
Product images:



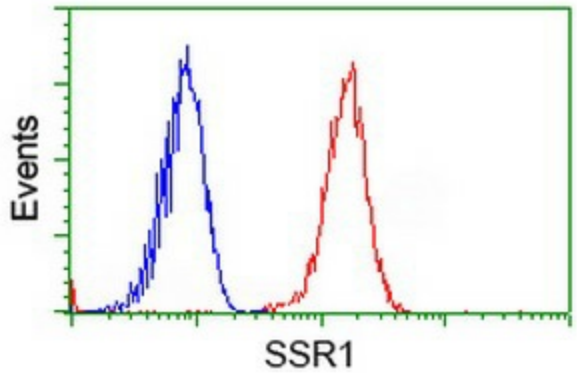
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SSR1 ([RC202408], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SSR1. Positive lysates [LY401093] (100ug) and [LC401093] (20ug) can be purchased separately from OriGene.



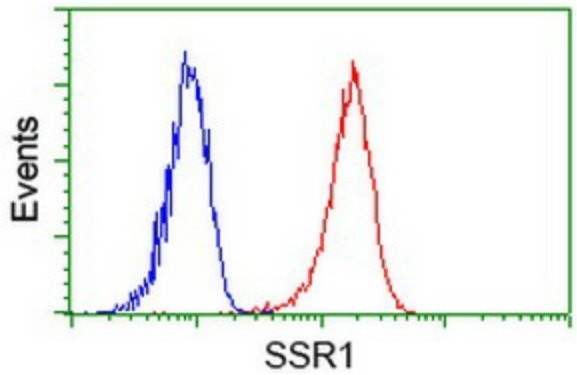
Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and SSR1-Knockout HeLa cells (KO, Cat# [LC812609]) were separated by SDS-PAGE and immunoblotted with anti-SSR1 monoclonal antibody TA503267 (1:1000`). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.



HEK293T cells transfected with either [RC202408] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SSR1 antibody (TA503267), and then analyzed by flow cytometry.



Flow cytometric Analysis of Hela cells, using anti-SSR1 antibody (TA503267), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-SSR1 antibody (TA503267), (Red), compared to a nonspecific negative control antibody, (Blue).