

Product datasheet for TA503268

TRAP alpha (SSR1) Mouse Monoclonal Antibody [Clone ID: OTI4C7]

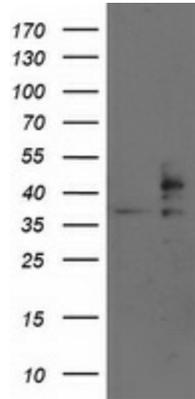
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI4C7 |
| Applications: | FC, IF, IHC, WB |
| Recommend Dilution: | WB 1:500~2000, IHC 1:150, IF 1:50~100, FLOW 1:100 |
| Reactivity: | Human, Monkey, Dog |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human SSR1(NP_003135) produced in HEK293 cell. |
| Formulation: | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.95 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 403951 Dog Entrez Gene 693818 Monkey 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]. COMPLETENESS: complete on the 3' end. |
| Synonyms: | TRAPA |
| Protein Families: | Druggable Genome, Transmembrane |

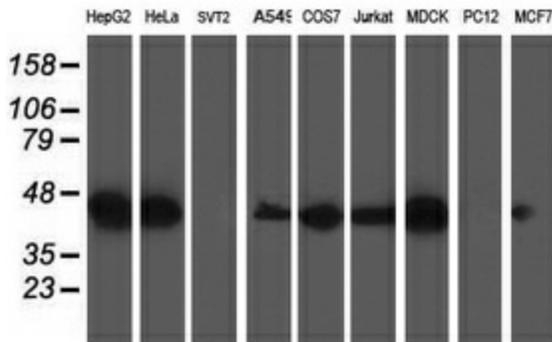


[View online »](#)

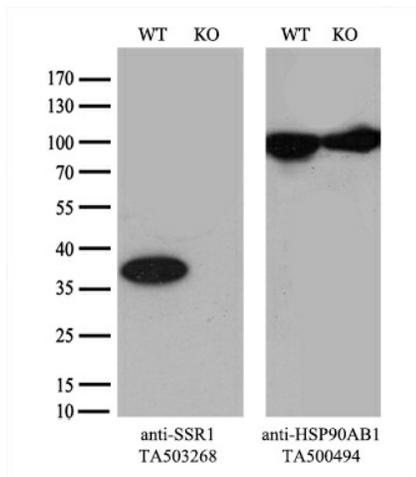
Product images:



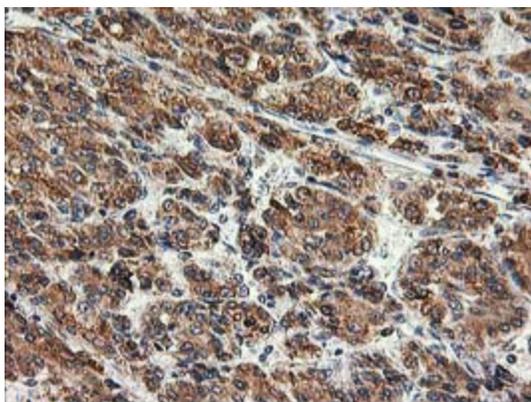
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SSR1 ([RC202408], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SSR1. Positive lysates [LY401093] (100ug) and [LC401093]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



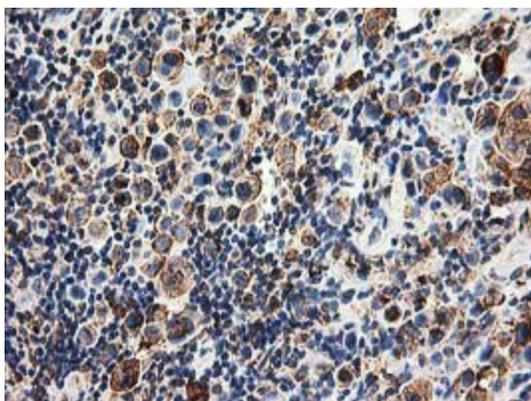
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SSR1 monoclonal antibody.



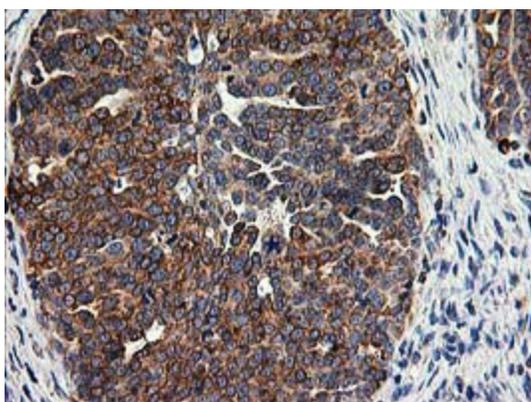
Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and SSR1-Knockout HeLa cells (KO, Cat# [LC812609]) were separated by SDS-PAGE and immunoblotted with anti-SSR1 monoclonal antibody TA503268 (1:2000 `). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.



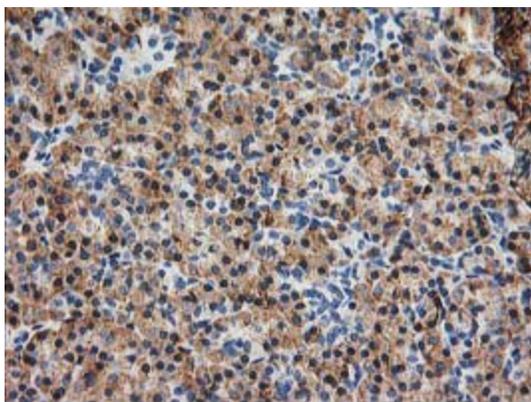
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-SSR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503268)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-SSR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503268)



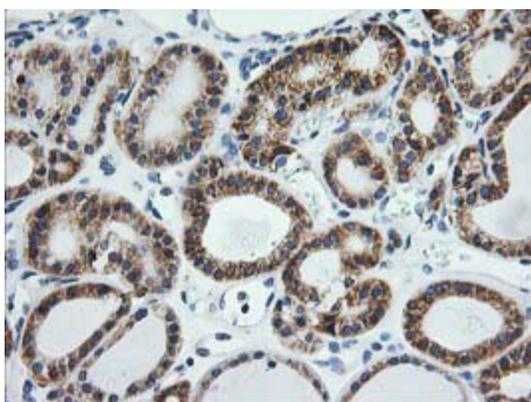
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-SSR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503268)



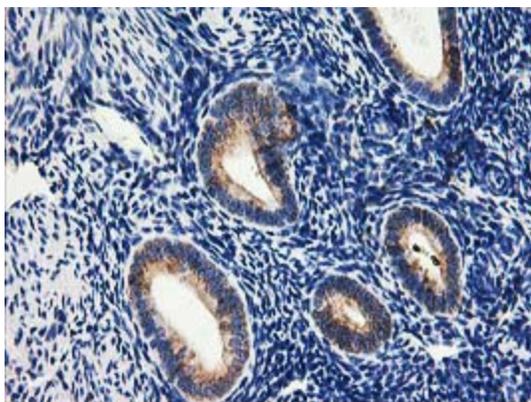
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-SSR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503268)



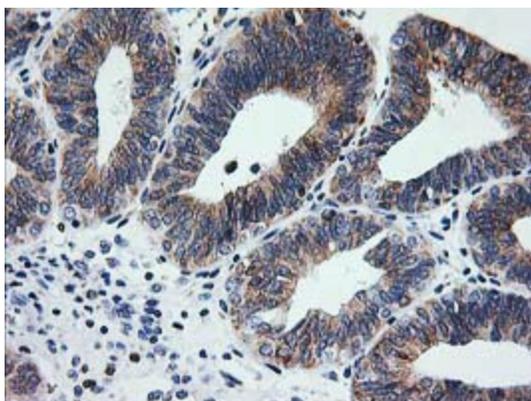
Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-SSR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503268)



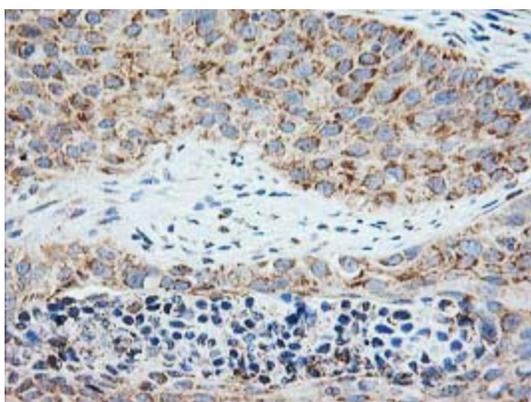
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-SSR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503268)



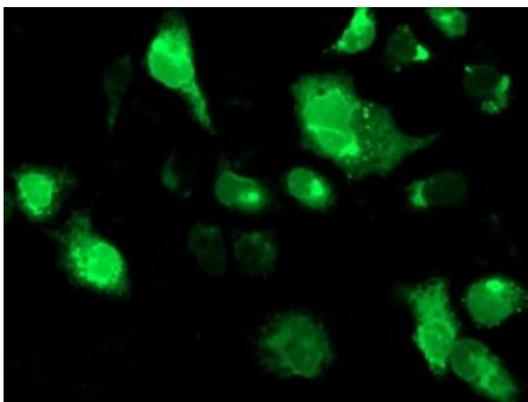
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-SSR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503268)



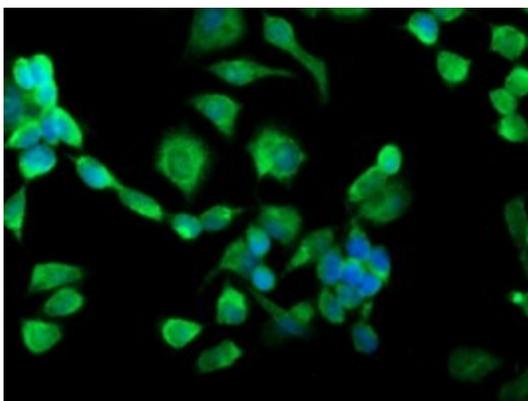
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-SSR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503268)



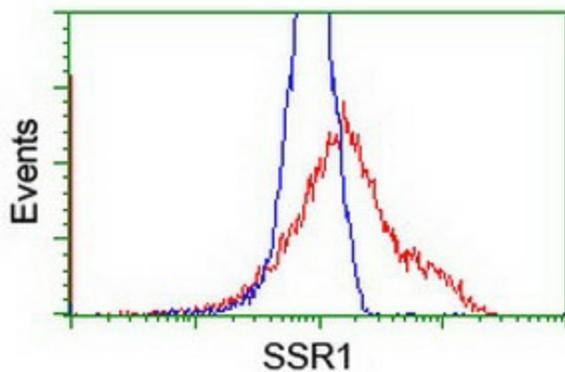
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-SSR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA503268)



Anti-SSR1 mouse monoclonal antibody (TA503268) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SSR1 ([RC202408]).



Immunofluorescent staining of HeLa cells using anti-SSR1 mouse monoclonal antibody (TA503268).



HEK293T cells transfected with either [RC202408] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SSR1 antibody (TA503268), and then analyzed by flow cytometry.