10320 Camino Santa Fe, Suite G
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KD-Validated Anti-SSR1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI2244

Specification

KD-Validated Anti-SSR1 Rabbit Monoclonal Antibody - Product Information

Application	**WB, FC**
Primary Accession	P43307
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Isotype	**Rabbit IgG**
Calculated MW	**Predicted, 32 kDa; observed, 34 kDa KDa**
Gene Name	**SSR1**
Aliases	**SSR1; Signal Sequence Receptor Subunit 1; TRAPA; Translocon-Associated Protein Subunit Alpha; Signal Sequence Receptor Subunit Alpha; Signal Sequence Receptor, Alpha; SSR-Alpha; Translocon-Associated Protein Alpha Subunit; Translocon-Associated Protein Alpha; SSR Alpha Subunit; TRAP Alpha; TRAP-Alpha**
Immunogen	**A synthesized peptide derived from human TRAP alpha**

KD-Validated Anti-SSR1 Rabbit Monoclonal Antibody - Additional Information

Gene ID	**6745**

Other Names
Translocon-associated protein subunit alpha, TRAP-alpha, Signal sequence receptor subunit alpha, SSR-alpha, SSR1, TRAPA

KD-Validated Anti-SSR1 Rabbit Monoclonal Antibody - Protein Information

Name SSR1

Synonyms TRAPA

Function
TRAP proteins are part of a complex whose function is to bind calcium to the ER membrane and thereby regulate the retention of ER resident proteins. May be involved in the recycling of the translocation apparatus after completion of the translocation process or may function as a membrane-bound chaperone facilitating folding of translocated proteins.

Cellular Location
Endoplasmic reticulum membrane; Single-pass type I membrane protein

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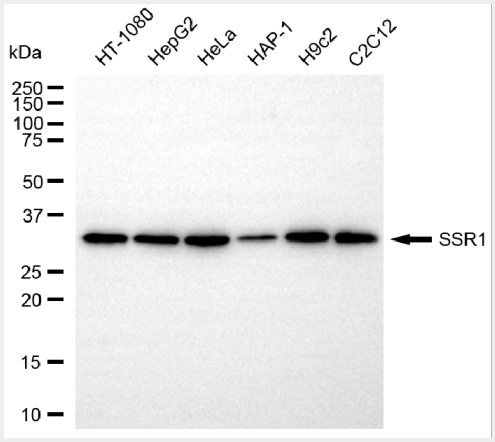
KD-Validated Anti-SSR1 Rabbit Monoclonal Antibody - Protocols

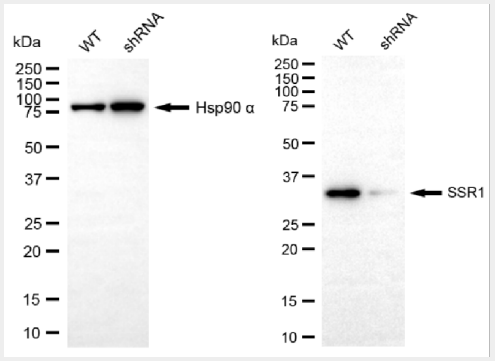
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KD-Validated Anti-SSR1 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-SSR1 antibody (Cat#AGI2244). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SSR1 antibody (Cat#AGI2244, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-SSR1 antibody (Cat#AGI2244). SSR1 expression in wild-type (WT) and SSR1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-SSR1 antibody (Cat#AGI2244, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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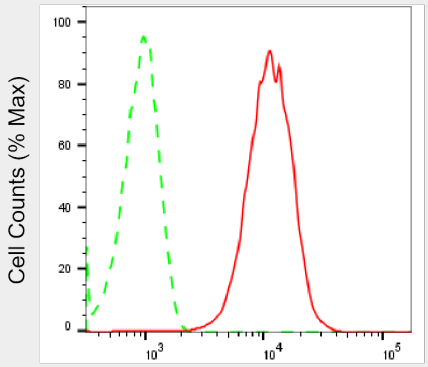

Flow cytometric analysis of SSR1 expression in HepG2 cells using anti-SSR1 antibody (Cat#AGI2244, 1:2,000). Green, isotype control; red, SSR1.