



[Go to Product page](#)

Datasheet for ABIN5542668  
**anti-SSH1 antibody (AA 1032-1044)**

3 Images

### Overview

Quantity:	0.1 mg
Target:	SSH1
Binding Specificity:	AA 1032-1044
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SSH1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Synthesized peptide fragment of human SLINGSHOT-1L (AA: 1032-1044 ) expressed in E. coli.
Clone:	6C11G9
Isotype:	IgG1

### Target Details

Target:	SSH1
Alternative Name:	SLINGSHOT-1L ( <a href="#">SSH1 Products</a> )
Background:	Description: The protein encoded by this gene belongs to the slingshot homolog (SSH) family of phosphatases, which regulate actin filament dynamics. The SSH proteins dephosphorylate and activate the actin binding/depolymerizing factor cofilin, which subsequently binds to actin

## Target Details

---

filaments and stimulates their disassembly. Cofilin is inactivated by kinases such as LIM domain kinase-1 (LIMK1), which may also be dephosphorylated and inactivated by SSH proteins. The SSH family thus appears to play a role in actin dynamics by reactivating cofilin proteins. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.,

Aliases: SSH1,SSH1L

---

Molecular Weight: 115.5 kDa

---

Gene ID: 54434

---

HGNC: 54434

---

Pathways: [CXCR4-mediated Signaling Events](#)

## Application Details

---

---

Application Notes: ELISA: 1:10000, WB: , IHC: 1:200 - 1:1000, ICC: , FCM: 1:200 - 1:400

---

Restrictions: For Research Use only

## Handling

---

---

Format: Liquid

---

Buffer: Purified antibody in PBS with 0.05 % sodium azide

---

Preservative: Sodium azide

---

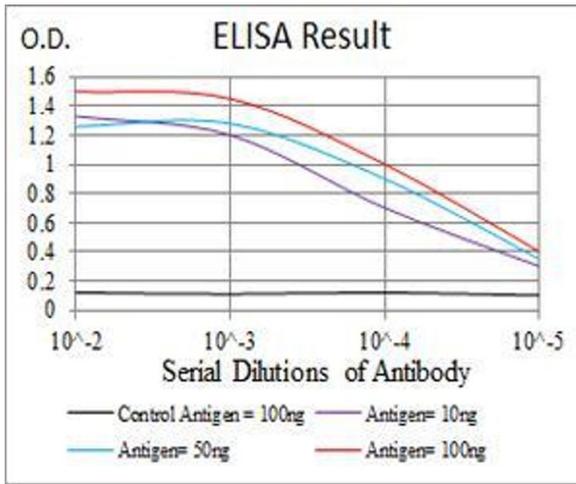
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

Storage: 4 °C/-20 °C

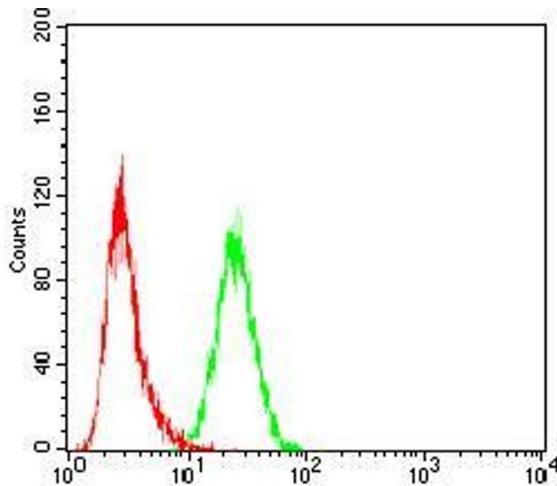
---

Storage Comment: 4°C, -20°C for long term storage



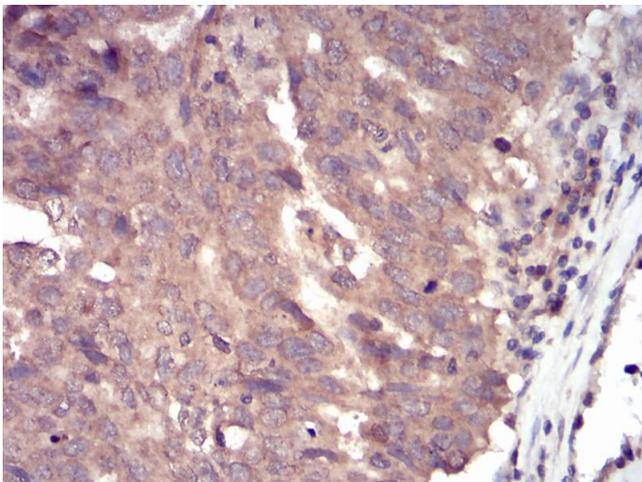
### ELISA

**Image 1.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



### Flow Cytometry

**Image 2.** Flow cytometric analysis of Hela cells using SLINGSHOT-1L mouse mAb (green) and negative control (red).



### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using SLINGSHOT-1L mouse mAb with DAB staining.