

**ARG45472**  
**anti-SGT1 / ECD antibody**Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes SGT1 / ECD
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SGT1 / ECD
Species	Human
Immunogen	Recombinant protein containing to human SGT1 / ECD.
Conjugation	Un-conjugated
Alternate Names	ECD; Ecdysoneless Cell Cycle Regulator; HSGT1; GCR2; Protein Ecdysoneless Homolog; Human Suppressor Of GCR Two; Ecdysoneless Homolog (Drosophila); Suppressor Of S. Cerevisiae Gcr2; Ecdysoneless Homolog; Suppressor Of GCR2; Protein SGT1; SGT1

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	80 kDa	

### Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

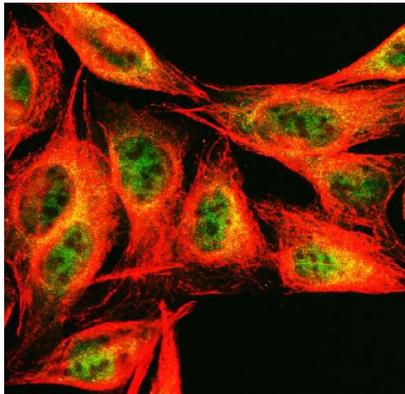
Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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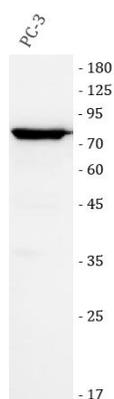
Gene Symbol	ECD
Gene Full Name	Ecdysoneless Cell Cycle Regulator
Background	Enables histone acetyltransferase binding activity. Involved in positive regulation of transcription by RNA polymerase II. Located in cytosol and nucleoplasm. [provided by Alliance of Genome Resources, Feb 2025]
Function	Regulator of p53/TP53 stability and function. Inhibits MDM2-mediated degradation of p53/TP53 possibly by cooperating in part with TXNIP. [UniProt]
Calculated Mw	73 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm; Nucleus. [UniProt]

## Images



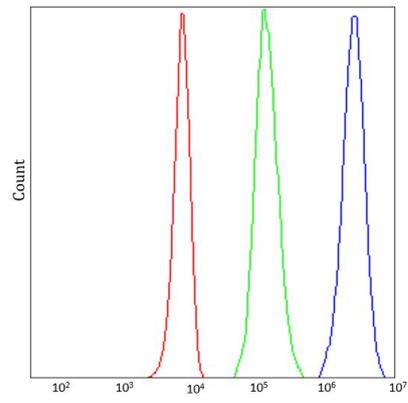
ARG45472 anti-SGT1 / ECD antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45472 anti-SGT1 / ECD antibody at 5 µg/ml dilution.



ARG45472 anti-SGT1 / ECD antibody WB image

Western blot: PC-3 stained with ARG45472 anti-SGT1 / ECD antibody at 0.5 µg/ml dilution.



ARG45472 anti-SGT1 / ECD antibody FACS image

Flow Cytometry: K562 stained with ARG45472 anti-SGT1 / ECD antibody at 1 µg/10<sup>6</sup> cells dilution.