



# Rabbit Anti-Human SUMO2/SUMO3 monoclonal antibody, clone K.889.3 (CABT- L1616)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is not cross-reactive with recombinant SUMO-1.
<b>Target</b>	SUMO2
<b>Immunogen</b>	Synthetic peptide from the amino terminus of human SUMO-3
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	K.889.3
<b>Purification</b>	Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC, IF, WB
<b>Format</b>	Liquid
<b>Buffer</b>	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	-20°C

## BACKGROUND

**Introduction**

SUMO proteins, such as SUMO3, and ubiquitin posttranslationally modify numerous cellular proteins and affect their metabolism and function. However, unlike ubiquitination, which targets proteins for degradation, sumoylation participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability.

**Keywords**

SUMO2;small ubiquitin-like modifier 2;HSMT3;SMT3B;SUMO3;Smt3A;SMT3H2;small ubiquitin-related modifier 2;sentrin 2;SMT3 homolog 2;ubiquitin-like protein SMT3A;ubiquitin-like protein SMT3B;SMT3 suppressor of mif two 3 homolog 2

## GENE INFORMATION

**Entrez Gene ID**

[6613](#)

**UniProt ID**

[P61956](#)