

## Anti-ASC/TMS1/PYCARD nanobody [SAA1187] (STJN000311)

### GENERAL INFORMATION

Product Type	Nanobodies
Applications	ELISA/IF/IP
Host / Source	Alpaca
Reactivity	Human

### PRODUCT PROPERTIES

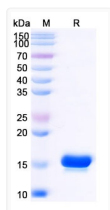
Clonality	Monoclonal
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	Purified by Nickel column.
Formulation	0.01M PBS, pH 7.4.
Isotype	VHH-8His-Cys-tag
Storage Instruction	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

### TARGET INFORMATION

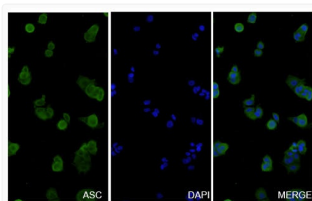
Gene ID	<a href="#">29108</a>
Gene Symbol	<a href="#">PYCARD</a>
UniProt ID	<a href="#">ASC_HUMAN</a>

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



SDS-PAGE with Anti-ASC/TMS1/PYCARD Nanobody



MCF7 cells were fixed with 4% paraformaldehyde for 20 minutes, followed by blocking with 5% goat serum for 1 hour. The cells were then incubated with His-tagged ASC protein at a concentration of 20  $\mu$ g/mL overnight at 4°C. After washing, the cells were incubated with an anti-His primary antibody for 1 hour at room temperature, followed by incubation with Goat Anti-Mouse IgG (Alexa Fluor 488) for 50 minutes at room temperature. The localization of IDE was visualized (shown in green), and nuclear DNA was stained with DAPI (shown in blue).