

Anti-Phospho-VIM-S56 antibody (STJ117902)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

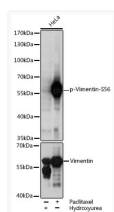
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 54kDa Observed Mw: 57kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	7431
Gene Symbol	VIM
UniProt ID	VIME_HUMAN
Immunogen Sequence	ASSPG
Specificity	A synthetic phosphorylated peptide around S56 of human VIM (NP_003371.2).

ADDITIONAL INFORMATION

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



Western blot analysis of lysates from HeLa cells, using Phospho-Vimentin-S56 pAb (STJ117902) at 1:3000 dilution or Vimentin antibody (STJ249342). HeLa cells were treated by Hydroxyurea (4 mM) at 37 °C for 20 hours. HeLa cells were treated by Paclitaxel (100 nM/mL) at 37 °C for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.